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Enterprise Budgets for Livestock
Businesses that Use National
Forest Grazing Land

by

C. Kerry Gee, Stephen V. Gleason,
David J. Mayhoffer and Kenneth J. Sutter*

ANRE Working Paper WP:85-9
Revised, July, 1986



Colorado State University
Department of Agricultural
and Natural Resource Economics

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* Gee is an Agricultural Economist, Economic Research Service, USDA, and Faculty Affiliate, Agricultural and Natural Resource Economics Department, Colorado State University; others are Research Assistants from the Agricultural and Natural Resource Economics Department, Colorado State University.

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Working Paper WP:85-9
Department of Agricultural and Natural Resource Economics
Colorado State University
Fort Collins, Colorado 80523
Revised July, 1986

Enterprise Budgets for Livestock Businesses that Use National Forest Grazing Land by C. Kerry Gee, National Economics Division, Economic Research Service, U.S. Department of Agriculture, stationed at Colorado State University.

ABSTRACT Cow-calf and sheep enterprise inputs, production, costs, and returns are estimated for ranches with Forest Service grazing permits using 1982 as a base year. Budgets represent different cow and sheep herd sizes in National Forests and national Grasslands of United States.

Keywords: Beef cows, sheep costs and returns, Federal rangeland

*
* NOTE: The budgets represented in this report are different in methodology*
* than the official published ERS estimates of livestock cost of *
* production. The treatment of interest expense on fixed assets, *
* costing of fixed assets, and an allocation of returns to economic *
* factors are the main areas of difference. Gross returns and most *
* cash costs are same in both methodologies. These budgets were pre-*
* pared per Forest Service/Bureau of Land Management contract *
* specifications concerning the use of a prior ERS methodology to be *
* consistent with previously submitted contract work to FS/BLM. For *
* discussion of the current ERS methodology, see Economic Indicators *
* of the Farm Sector: Costs of Production, 1982, USDA-ERS, ECLFS 2-3, *
* December, 1983. *
*

Contents

The enterprise budgets in this report are listed in the following sequence. Table numbers begin with 1 in each of the general categories.

National Forests:

Beef cow budgets	Region 1	Table 1-	40
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Beef cow and yearling budgets	Table 1-	36
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National Forest and National Grasslands:

Sheep budgets	Table 1-	42
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Footnotes

Introduction

The livestock budgets in this report were prepared through a cooperative effort of the Economic Research Service, U.S. Department of Agriculture and the Agricultural and Natural Resources Economics Department, Colorado State University. Data collection and tabulation was financed through contracts with the Forest Service, U.S. Department of Agriculture and Bureau of Land Management, U.S. Department of the Interior. The project began in October 1979 and ended September 1984.

The detailed methodology used for data collection and budget construction is reported in Technical Bulletin 143, Estimating Economic Impacts of Adjustments in Grazing on Federal Lands and Estimating Federal Rangeland Forage Values published by the Colorado State University Experiment Station in 1981.

Data used in constructing the budgets are from sample surveys conducted by the Economic Research Service and from panels of producers with grazing permits in the area represented by the budgets. Information on production such as calving rates, death loss, market weights, numbers of animals sold and selling time was obtained from the producer panels. Physical feed inputs other than public grazing were also from this source. Seasons and quantities of federal land use were provided by the public land agency. All input and market prices were from published USDA sources except state land lease rates which were provided by state agencies. Labor and the cost of all items reported in dollars only are from survey data.

The budget format was designed to present as much detail as possible of the assumptions regarding production, physical inputs, costs and prices. A lack of machinery, equipment and facilities inventories is the major deficiency. Feed sources are listed by month so dependency on federal grazing is easily identified. Footnotes to the budgets appear at the end of the report.

Table 1--Beef cow enterprises of up to 199 cows, Beaverhead National Forest, Southwest Montana, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																										
Production:							Cash costs--Continued																																																																																																																																																																																																																																																
Bred cows 1/	Head	129	--	--	--	--	Protein supplement 5/	Ton	--	--	--	--	--																																																																																																																																																																																																																																										
Annual cow loss	Head	3	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																										
Cows culled	Head	23	--	--	--	--	Other feed	Ton	--	--	--	--	--																																																																																																																																																																																																																																										
Calves born alive	Head	110	--	--	--	--	Salt and mineral	Cwt	45.0	--	4.27	192	1.49																																																																																																																																																																																																																																										
Calves lost birth to weaning	Head	9	--	--	--	--	Veterinary & medicine	Dol	--	--	--	1,115	8.64																																																																																																																																																																																																																																										
Steer calves weaned	Head	50	--	--	--	--	Hired trucking	Dol	--	--	--	230	1.78																																																																																																																																																																																																																																										
Sold as weaners	Head	27	--	--	--	--	Marketing 6/	Dol	--	--	--	577	4.47																																																																																																																																																																																																																																										
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	Dol	--	--	--	3,010	23.33																																																																																																																																																																																																																																										
Sold as yearlings	Head	23	--	--	--	--	Hired labor	Hrs	774.0	--	4.00	3,096	24.00																																																																																																																																																																																																																																										
Heifer calves weaned	Head	51	--	--	--	--	Fuel and lubricants	Dol	--	--	--	1,128	8.74																																																																																																																																																																																																																																										
Sold as weaners	Head	18	--	--	--	--	Repairs	Dol	--	--	--	1,392	10.79																																																																																																																																																																																																																																										
Lost after weaning	Head	1	--	--	--	--	Taxes 8/	Dol	--	--	--	841	6.52																																																																																																																																																																																																																																										
Sold as yearlings	Head	6	--	--	--	--	Insurance	Dol	--	--	--	564	4.37																																																																																																																																																																																																																																										
Kept for herd replacement 2/	Head	26	--	--	--	--	Interest on operating capital 9/	Dol	10,668.0	--	.15	1,579	12.24																																																																																																																																																																																																																																										
Bulls	Head	5	--	--	--	--	Total cash costs	Dol	--	--	--	25,592	198.39																																																																																																																																																																																																																																										
Sales:							Other costs:																																																																																																																																																																																																																																																
Steer calves	Head	27	400	69.14	7,467	--	Family labor 10/	Hrs	1,548.0	--	4.00	6,192	48.00																																																																																																																																																																																																																																										
Heifer calves	Head	18	380	59.72	4,085	--	Capital replacement 11/	Dol	--	--	--	3,670	28.45																																																																																																																																																																																																																																										
Yearling steers	Head	23	750	65.12	11,233	--	Interest on investment other than land 13/	Dol	--	--	--	11,886	92.14																																																																																																																																																																																																																																										
Yearling heifers	Head	6	720	57.10	2,467	--	Interest on land 13/	Dol	--	--	--	26,490	205.35																																																																																																																																																																																																																																										
Cull cows	Head	23	1,000	35.05	8,062	--	Total other costs	Dol	--	--	--	48,238	373.94																																																																																																																																																																																																																																										
Total sales	Head	--	--	--	33,314	258.25	Total all costs	Dol	--	--	--	73,830	572.33																																																																																																																																																																																																																																										
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																
Federal grazing fees 3/	AM	351.0	--	1.86	653	5.06	Return above cash costs and family labor	Dol	--	--	--	1,530	11.86																																																																																																																																																																																																																																										
Private pasture lease	AM	--	--	--	--	--	Return to total investment 14/	Dol	--	--	--	-2,140	-16.59																																																																																																																																																																																																																																										
Other pasture lease 4/	AM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-14,026	-108.73																																																																																																																																																																																																																																										
State land lease	AM	100.0	--	3.78	378	2.93																																																																																																																																																																																																																																																	
Irrigated pasture	AM	201.0	--	4.77	959	7.43																																																																																																																																																																																																																																																	
Hay produced	Ton	248.0	--	33.59	8,330	64.57																																																																																																																																																																																																																																																	
Hay purchased	Ton	27.0	--	57.33	1,548	12.00																																																																																																																																																																																																																																																	
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td>Feed source:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>95.0</td> <td>95.0</td> <td>95.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>33.0</td> <td>33.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>20.0</td> <td>20.0</td> <td>20.0</td> <td>20.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>47.0</td> <td>101.0</td> <td>16.0</td> <td>19.0</td> <td>85.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>67.0</td> <td>67.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>207.0</td> <td>157.0</td> <td>80.0</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>48.0</td> <td>53.0</td> <td>57.0</td> <td>61.0</td> <td>32.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>24.0</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Marketing month:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>27</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>18</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>23</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>6</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>23</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:													National Forest 16/	AM	--	--	--	--	--	95.0	95.0	95.0	--	--	--	Bureau of Land Management 16/	AM	--	--	--	--	33.0	33.0	--	--	--	--	--	Pasture rent/lease 17/	AM	--	--	--	--	--	--	--	--	--	--	--	State land lease	AM	--	--	--	--	20.0	20.0	20.0	20.0	--	--	--	Deeded rangeland 17/	AM	--	--	--	--	47.0	101.0	16.0	19.0	85.0	--	--	Irrigated pasture 17/	AM	--	--	--	--	--	67.0	67.0	--	--	--	--	Crop residue 17/	AM	--	--	--	--	--	--	--	--	207.0	157.0	80.0	Hay	Ton	48.0	53.0	57.0	61.0	32.0	--	--	--	--	--	24.0	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--	Marketing month:													Steer calves	Head	--	--	--	--	--	--	--	--	--	27	--	Heifer calves	Head	--	--	--	--	--	--	--	--	--	18	--	Yearling steers	Head	--	--	--	--	--	--	--	23	--	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	--	--	6	--	Cull cows	Head	--	--	--	--	--	--	--	--	--	23	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																											
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Bureau of Land Management 16/	AM	--	--	--	--	33.0	33.0	--	--	--	--	--																																																																																																																																																																																																																																											
Pasture rent/lease 17/	AM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
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Deeded rangeland 17/	AM	--	--	--	--	47.0	101.0	16.0	19.0	85.0	--	--																																																																																																																																																																																																																																											
Irrigated pasture 17/	AM	--	--	--	--	--	67.0	67.0	--	--	--	--																																																																																																																																																																																																																																											
Crop residue 17/	AM	--	--	--	--	--	--	--	--	207.0	157.0	80.0																																																																																																																																																																																																																																											
Hay	Ton	48.0	53.0	57.0	61.0	32.0	--	--	--	--	--	24.0																																																																																																																																																																																																																																											
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Marketing month:																																																																																																																																																																																																																																																							
Steer calves	Head	--	--	--	--	--	--	--	--	--	27	--																																																																																																																																																																																																																																											
Heifer calves	Head	--	--	--	--	--	--	--	--	--	18	--																																																																																																																																																																																																																																											
Yearling steers	Head	--	--	--	--	--	--	--	23	--	--	--																																																																																																																																																																																																																																											
Yearling heifers	Head	--	--	--	--	--	--	--	--	--	6	--																																																																																																																																																																																																																																											
Cull cows	Head	--	--	--	--	--	--	--	--	--	23	--																																																																																																																																																																																																																																											

Table 2--Beef cow enterprises with 200-499 cows, Beaverhead National Forest, Southwestern Montana, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																										
Production:							Cash costs--Continued																																																																																																																																																																																																																																																
Bred cows 1/	Head	320	--	--	--	--	Protein supplement 5/	Ton	9.0	--	241.0	2,169	6.78																																																																																																																																																																																																																																										
Annual cow loss	Head	6	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																										
Cows culled	Head	58	--	--	--	--	Other feed	Ton	--	--	--	--	--																																																																																																																																																																																																																																										
Calves born alive	Head	262	--	--	--	--	Salt and mineral	Cwt	112.0	--	4.27	478	1.49																																																																																																																																																																																																																																										
Calves lost birth to weaning	Head	21	--	--	--	--	Veterinary & medicine	Dol	--	--	--	3,350	10.47																																																																																																																																																																																																																																										
Steer calves weaned	Head	120	--	--	--	--	Hired trucking	Dol	--	--	--	534	1.67																																																																																																																																																																																																																																										
Sold as weaners	Head	59	--	--	--	--	Marketing 6/	Dol	--	--	--	1,341	4.19																																																																																																																																																																																																																																										
Lost after weaning	Head	1	--	--	--	--	General overhead 7/	Dol	--	--	--	3,286	10.27																																																																																																																																																																																																																																										
Sold as yearlings	Head	60	--	--	--	--	Hired labor	Hrs	2,800.0	--	4.00	11,200	35.00																																																																																																																																																																																																																																										
Heifer calves weaned	Head	121	--	--	--	--	Fuel and lubricants	Dol	--	--	--	2,192	6.85																																																																																																																																																																																																																																										
Sold as weaners	Head	32	--	--	--	--	Repairs	Dol	--	--	--	2,860	8.94																																																																																																																																																																																																																																										
Lost after weaning	Head	2	--	--	--	--	Taxes 8/	Dol	--	--	--	1,859	5.81																																																																																																																																																																																																																																										
Sold as yearlings	Head	23	--	--	--	--	Insurance	Dol	--	--	--	1,542	4.82																																																																																																																																																																																																																																										
Kept for herd replacement 2/	Head	64	--	--	--	--	Interest on operating capital 9/	Dol	29,843.8	--	0.15	4,417	13.80																																																																																																																																																																																																																																										
Bulls	Head	13	--	--	--	--	Total cash costs	Dol	--	--	--	64,923	202.88																																																																																																																																																																																																																																										
Sales:							Other costs:																																																																																																																																																																																																																																																
Steer calves	Head	59	400	69.11	16,310	--	Family labor 10/	Hrs	2,882.0	--	4.00	11,528	36.03																																																																																																																																																																																																																																										
Heifer calves	Head	32	380	59.42	7,225	--	Capital replacement 11/	Dol	--	--	--	8,711	27.22																																																																																																																																																																																																																																										
Yearling steers	Head	60	750	65.12	29,304	--	Interest on investment other than land 13/	Dol	--	--	--	29,100	90.94																																																																																																																																																																																																																																										
Yearling heifers	Head	23	720	58.57	9,699	--	Interest on land 13/	Dol	--	--	--	60,716	189.74																																																																																																																																																																																																																																										
Cull cows	Head	58	975	35.05	19,821	--	Total other costs	Dol	--	--	--	110,055	343.92																																																																																																																																																																																																																																										
Total sales	Head	--	--	--	82,359	257.37	Total all costs	Dol	--	--	--	174,078	546.81																																																																																																																																																																																																																																										
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																
Federal grazing fees 3/	A/M	1,025.0	--	1.86	1,907	5.96	Return above cash costs and family labor	Dol	--	--	--	17,436	54.49																																																																																																																																																																																																																																										
Private pasture lease	A/M	--	--	--	--	--	Return to total investment 14/	Dol	--	--	--	-2,803	-8.75																																																																																																																																																																																																																																										
Other pasture lease 4/	A/M	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-31,903	-99.70																																																																																																																																																																																																																																										
State land lease	A/M	311.0	--	3.78	1,176	3.68																																																																																																																																																																																																																																																	
Irrigated pasture	A/M	312.0	--	4.77	1,488	4.65																																																																																																																																																																																																																																																	
Hay produced	Ton	577.0	--	33.59	19,381	60.57																																																																																																																																																																																																																																																	
Hay purchased	Ton	100.0	--	57.33	5,733	17.92																																																																																																																																																																																																																																																	
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td>Feed source:</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>National Forest 16/</td> <td>A/M</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>205.0</td> <td>205.0</td> <td>205.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>A/M</td> <td>--</td> <td>--</td> <td>--</td> <td>205.0</td> <td>205.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>A/M</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>A/M</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>311.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>A/M</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>293.0</td> <td>154.0</td> <td>157.0</td> <td>--</td> <td>60.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>A/M</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>154.0</td> <td>158.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>A/M</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>464.0</td> <td>396.0</td> <td>202.0</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>116.0</td> <td>131.0</td> <td>140.0</td> <td>152.0</td> <td>80.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>58.0</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>1.5</td> <td>1.5</td> <td>1.5</td> <td>1.5</td> <td>1.5</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>1.5</td> </tr> <tr> <td>Marketing month:</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>59</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>32</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>60</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>9</td> <td>--</td> <td>14</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>58</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:													National Forest 16/	A/M	--	--	--	--	--	205.0	205.0	205.0	--	--	--	Bureau of Land Management 16/	A/M	--	--	--	205.0	205.0	--	--	--	--	--	--	Pasture rent/lease 17/	A/M	--	--	--	--	--	--	--	--	--	--	--	State land lease	A/M	--	--	--	--	--	--	--	311.0	--	--	--	Deeded rangeland 17/	A/M	--	--	--	--	293.0	154.0	157.0	--	60.0	--	--	Irrigated pasture 17/	A/M	--	--	--	--	--	154.0	158.0	--	--	--	--	Crop residue 17/	A/M	--	--	--	--	--	--	--	--	464.0	396.0	202.0	Hay	Ton	116.0	131.0	140.0	152.0	80.0	--	--	--	--	--	58.0	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	1.5	1.5	1.5	1.5	1.5	--	--	--	--	--	1.5	Marketing month:													Steer calves	Head	--	--	--	--	--	--	--	--	--	59	--	Heifer calves	Head	--	--	--	--	--	--	--	--	--	32	--	Yearling steers	Head	--	--	--	--	--	--	--	60	--	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	9	--	14	--	Cull cows	Head	--	--	--	--	--	--	--	--	--	58	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																											
Feed source:																																																																																																																																																																																																																																																							
National Forest 16/	A/M	--	--	--	--	--	205.0	205.0	205.0	--	--	--																																																																																																																																																																																																																																											
Bureau of Land Management 16/	A/M	--	--	--	205.0	205.0	--	--	--	--	--	--																																																																																																																																																																																																																																											
Pasture rent/lease 17/	A/M	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
State land lease	A/M	--	--	--	--	--	--	--	311.0	--	--	--																																																																																																																																																																																																																																											
Deeded rangeland 17/	A/M	--	--	--	--	293.0	154.0	157.0	--	60.0	--	--																																																																																																																																																																																																																																											
Irrigated pasture 17/	A/M	--	--	--	--	--	154.0	158.0	--	--	--	--																																																																																																																																																																																																																																											
Crop residue 17/	A/M	--	--	--	--	--	--	--	--	464.0	396.0	202.0																																																																																																																																																																																																																																											
Hay	Ton	116.0	131.0	140.0	152.0	80.0	--	--	--	--	--	58.0																																																																																																																																																																																																																																											
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Protein supplement	Ton	1.5	1.5	1.5	1.5	1.5	--	--	--	--	--	1.5																																																																																																																																																																																																																																											
Marketing month:																																																																																																																																																																																																																																																							
Steer calves	Head	--	--	--	--	--	--	--	--	--	59	--																																																																																																																																																																																																																																											
Heifer calves	Head	--	--	--	--	--	--	--	--	--	32	--																																																																																																																																																																																																																																											
Yearling steers	Head	--	--	--	--	--	--	--	60	--	--	--																																																																																																																																																																																																																																											
Yearling heifers	Head	--	--	--	--	--	--	--	9	--	14	--																																																																																																																																																																																																																																											
Cull cows	Head	--	--	--	--	--	--	--	--	--	58	--																																																																																																																																																																																																																																											

Table 3--Beef cow enterprises with 500 or more cows, Beaverhead National Forest, Southwestern Montana, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																										
Production:							::Cash costs--Continued																																																																																																																																																																																																																																																
Bred cows 1/	Head	1,200	--	--	--	--	Protein supplement 5/	Ton	--	--	--	--	--																																																																																																																																																																																																																																										
Annual cow loss	Head	24	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																										
Cows culled	Head	216	--	--	--	--	Other feed	Ton	--	--	--	--	--																																																																																																																																																																																																																																										
Calves born alive	Head	960	--	--	--	--	Salt and mineral	Cwt	420.0	--	4.27	1,793	1.49																																																																																																																																																																																																																																										
Calves lost birth to weaning	Head	77	--	--	--	--	Veterinary & medicine	Dol	--	--	--	7,944	6.62																																																																																																																																																																																																																																										
Steer calves weaned	Head	441	--	--	--	--	Hired trucking	Dol	--	--	--	3,348	2.79																																																																																																																																																																																																																																										
Sold as weaners	Head	391	--	--	--	--	Marketing 6/	Dol	--	--	--	2,460	2.05																																																																																																																																																																																																																																										
Lost after weaning	Head	1	--	--	--	--	General overhead 7/	Dol	--	--	--	8,940	7.45																																																																																																																																																																																																																																										
Sold as yearlings	Head	49	--	--	--	--	Hired labor	Hrs	11,801.0	--	4.00	47,204	39.34																																																																																																																																																																																																																																										
Heifer calves weaned	Head	442	--	--	--	--	Fuel and lubricants	Dol	--	--	--	4,727	3.94																																																																																																																																																																																																																																										
Sold as weaners	Head	142	--	--	--	--	Repairs	Dol	--	--	--	5,390	4.49																																																																																																																																																																																																																																										
Lost after weaning	Head	6	--	--	--	--	Taxes 8/	Dol	--	--	--	4,213	3.51																																																																																																																																																																																																																																										
Sold as yearlings	Head	54	--	--	--	--	Insurance	Dol	--	--	--	4,998	4.17																																																																																																																																																																																																																																										
Kept for herd replacement 2/	Head	240	--	--	--	--	Interest on operating capital 9/	Dol	107,338.0	--	0.15	15,886	13.24																																																																																																																																																																																																																																										
Bulls	Head	48	--	--	--	--	Total cash costs	Dol	--	--	--	241,534	201.28																																																																																																																																																																																																																																										
Sales:							::Other costs:																																																																																																																																																																																																																																																
Steer calves	Head	391	400	69.14	108,135	--	Family labor 10/	Hrs	8,718.5	--	4.00	34,874	29.06																																																																																																																																																																																																																																										
Heifer calves	Head	142	380	59.42	32,063	--	Capital replacement 11/	Dol	--	--	--	21,374	17.81																																																																																																																																																																																																																																										
Yearling steers	Head	49	750	65.12	23,932	--	Interest on investment other than land 13/	Dol	--	--	--	100,398	83.67																																																																																																																																																																																																																																										
Yearling heifers	Head	54	720	57.10	22,200	--	Interest on land 13/	Dol	--	--	--	137,517	114.60																																																																																																																																																																																																																																										
Cull cows	Head	216	975	35.05	73,815	--	Total other costs	Dol	--	--	--	294,163	245.14																																																																																																																																																																																																																																										
Total sales	Head	--	--	--	260,145	216.79	Total all costs	Dol	--	--	--	535,697	446.41																																																																																																																																																																																																																																										
Cash costs:							::Return above cash costs:																																																																																																																																																																																																																																																
Federal grazing fees 3/	AM	2,251.0	--	1.86	4,187	3.49	Return above cash costs	Dol	--	--	--	18,611	15.51																																																																																																																																																																																																																																										
Private pasture lease	AUM	2,709.0	--	8.90	24,110	20.09	Return above cash costs and family labor	Dol	--	--	--	-16,263	-13.55																																																																																																																																																																																																																																										
Other pasture lease 4/	AUM	--	--	--	--	--	Return to total investment 14/	Dol	--	--	--	-37,637	-31.36																																																																																																																																																																																																																																										
State land lease	AUM	1,480.0	--	3.78	5,594	4.66	Return to land 15/	Dol	--	--	--	-138,035	-115.03																																																																																																																																																																																																																																										
Irrigated pasture	AUM	1,530.0	--	4.77	7,298	6.08																																																																																																																																																																																																																																																	
Hay produced	Ton	1,739.0	--	33.59	58,413	48.68																																																																																																																																																																																																																																																	
Hay purchased	Ton	611.0	--	57.33	35,029	29.19																																																																																																																																																																																																																																																	
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td>Feed source:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>473.0</td> <td>473.0</td> <td>415.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>445.0</td> <td>445.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>351.0</td> <td>530.0</td> <td>556.0</td> <td>551.0</td> <td>721.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>296.0</td> <td>296.0</td> <td>296.0</td> <td>296.0</td> <td>296.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>101.0</td> <td>69.0</td> <td>91.0</td> <td>453.0</td> <td>195.0</td> <td>--</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>510.0</td> <td>510.0</td> <td>510.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>1,685.0</td> <td>1,400.0</td> <td>728.0</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>426.0</td> <td>467.0</td> <td>503.0</td> <td>539.0</td> <td>208.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>207.0</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Marketing month:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>391</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>142</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>49</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>54</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>216</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:													National Forest 16/	AM	--	--	--	--	--	473.0	473.0	415.0	--	--	--	Bureau of Land Management 16/	AM	--	--	--	--	445.0	445.0	--	--	--	--	--	Pasture rent/lease 17/	AUM	--	--	--	--	351.0	530.0	556.0	551.0	721.0	--	--	State land lease	AUM	--	--	--	--	296.0	296.0	296.0	296.0	296.0	--	--	Deeded rangeland 17/	AUM	--	--	--	--	--	101.0	69.0	91.0	453.0	195.0	--	Irrigated pasture 17/	AUM	--	--	--	--	--	510.0	510.0	510.0	--	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	1,685.0	1,400.0	728.0	Hay	Ton	426.0	467.0	503.0	539.0	208.0	--	--	--	--	--	207.0	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--	Marketing month:													Steer calves	Head	--	--	--	--	--	--	--	--	--	391	--	Heifer calves	Head	--	--	--	--	--	--	--	--	--	142	--	Yearling steers	Head	--	--	--	--	--	--	--	49	--	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	54	--	--	--	Cull cows	Head	--	--	--	--	--	--	--	--	--	216	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																											
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Irrigated pasture 17/	AUM	--	--	--	--	--	510.0	510.0	510.0	--	--	--																																																																																																																																																																																																																																											
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Hay	Ton	426.0	467.0	503.0	539.0	208.0	--	--	--	--	--	207.0																																																																																																																																																																																																																																											
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Marketing month:																																																																																																																																																																																																																																																							
Steer calves	Head	--	--	--	--	--	--	--	--	--	391	--																																																																																																																																																																																																																																											
Heifer calves	Head	--	--	--	--	--	--	--	--	--	142	--																																																																																																																																																																																																																																											
Yearling steers	Head	--	--	--	--	--	--	--	49	--	--	--																																																																																																																																																																																																																																											
Yearling heifers	Head	--	--	--	--	--	--	--	54	--	--	--																																																																																																																																																																																																																																											
Cull cows	Head	--	--	--	--	--	--	--	--	--	216	--																																																																																																																																																																																																																																											

Table 4--Beef cow enterprises of up to 99 cows, Bitterroot National Forest, South-West Montana, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																															
Production:							Cash costs--Continued																																																																																																																																																																																																																																																					
Bred cows 1/	Head	50	--	--	--	--	Protein supplement 5/	Ton	--	--	--	--	--																																																																																																																																																																																																																																															
Annual cow loss	Head	2	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																															
Cows culled	Head	5	--	--	--	--	Other feed	Ton	--	--	--	--	--																																																																																																																																																																																																																																															
Calves born alive	Head	47	--	--	--	--	Salt and mineral	Cwt	17.5	--	4.27	75	1.50																																																																																																																																																																																																																																															
Calves lost birth to weaning	Head	1	--	--	--	--	Veterinary & medicine	Dol	--	--	--	377	7.54																																																																																																																																																																																																																																															
Steer calves weaned	Head	23	--	--	--	--	Hired trucking	Dol	--	--	--	246	4.92																																																																																																																																																																																																																																															
Sold as weaners	Head	23	--	--	--	--	Marketing 6/	Dol	--	--	--	80	1.60																																																																																																																																																																																																																																															
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	Dol	--	--	--	851	17.22																																																																																																																																																																																																																																															
Sold as yearlings	Head	--	--	--	--	--	Hired labor	Hrs	253.0	--	4.00	1,012	20.24																																																																																																																																																																																																																																															
Heifer calves weaned	Head	23	--	--	--	--	Fuel and lubricants	Dol	--	--	--	1,316	26.32																																																																																																																																																																																																																																															
Sold as weaners	Head	14	--	--	--	--	Repairs	Dol	--	--	--	1,572	31.44																																																																																																																																																																																																																																															
Lost after weaning	Head	--	--	--	--	--	Taxes 8/	Dol	--	--	--	1,054	21.03																																																																																																																																																																																																																																															
Sold as yearlings	Head	2	--	--	--	--	Insurance	Dol	--	--	--	299	5.93																																																																																																																																																																																																																																															
Kept for herd replacement 2/	Head	7	--	--	--	--	Interest on operating capital 9/	Dol	3,768.0	--	0.15	558	11.16																																																																																																																																																																																																																																															
Bulls	Head	3	--	--	--	--	Total cash costs	Dol	--	--	--	10,049	200.98																																																																																																																																																																																																																																															
Sales:							Other costs:																																																																																																																																																																																																																																																					
Steer calves	Head	23	470	67.24	7,269	--	Family labor 10/	Hrs	757.0	--	4.00	3,028	60.55																																																																																																																																																																																																																																															
Heifer calves	Head	14	440	58.24	3,588	--	Capital replacement 11/	Dol	--	--	--	3,388	67.76																																																																																																																																																																																																																																															
Yearling steers	Head	--	--	--	--	--	Interest on investment other than land 13/	Dol	--	--	--	6,177	123.54																																																																																																																																																																																																																																															
Yearling heifers	Head	2	850	56.88	967	--	Interest on land 13/	Dol	--	--	--	34,799	695.93																																																																																																																																																																																																																																															
Cull cows	Head	5	1,000	34.20	1,710	--	Total other costs	Dol	--	--	--	47,392	947.81																																																																																																																																																																																																																																															
Total sales	Head	--	--	--	13,534	270.68	Total all costs	Dol	--	--	--	57,441	1,148.82																																																																																																																																																																																																																																															
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																					
Federal grazing fees 3/	AM	132.0	--	1.86	246	4.92	Return above cash costs and family labor	Dol	--	--	--	3,485	69.70																																																																																																																																																																																																																																															
Private pasture lease	AUM	--	--	--	--	--	Return to total investment 14/	Dol	--	--	--	-2,931	-58.62																																																																																																																																																																																																																																															
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-9,108	-182.16																																																																																																																																																																																																																																															
State land lease	AUM	23.2	--	3.78	88	1.76																																																																																																																																																																																																																																																						
Irrigated pasture	AUM	--	--	--	--	--																																																																																																																																																																																																																																																						
Hay produced	Ton	61.8	--	33.59	2,076	41.52																																																																																																																																																																																																																																																						
Hay purchased	Ton	3.3	--	57.33	189	3.78																																																																																																																																																																																																																																																						
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td colspan="14">Feed source:</td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>4.0</td> <td>4.0</td> <td>26.0</td> <td>29.0</td> <td>30.0</td> <td>30.0</td> <td>9.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>4.6</td> <td>4.2</td> <td>4.2</td> <td>3.9</td> <td>6.3</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>67.8</td> <td>72.6</td> <td>41.9</td> <td>38.0</td> <td>37.6</td> <td>35.5</td> <td>55.7</td> <td>--</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>5.7</td> <td>28.5</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>17.2</td> <td>19.0</td> <td>20.4</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>8.5</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td colspan="14">Marketing month:</td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>23</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>14</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>2</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>5</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:														National Forest 16/	AM	--	--	--	4.0	4.0	26.0	29.0	30.0	30.0	9.0	--	--	Bureau of Land Management 16/	AM	--	--	--	--	--	--	--	--	--	--	--	--	Pasture rent/lease 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--	State land lease	AUM	--	--	--	--	4.6	4.2	4.2	3.9	6.3	--	--	Deeded rangeland 17/	AUM	--	--	--	67.8	72.6	41.9	38.0	37.6	35.5	55.7	--	Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	5.7	28.5	Hay	Ton	17.2	19.0	20.4	--	--	--	--	--	--	--	8.5	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--	Marketing month:														Steer calves	Head	--	--	--	--	--	--	--	--	--	23	--	Heifer calves	Head	--	--	--	--	--	--	--	--	--	14	--	Yearling steers	Head	--	--	--	--	--	--	--	--	--	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	--	--	--	2	Cull cows	Head	--	--	--	--	--	--	--	--	--	--	5
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																																
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Hay	Ton	17.2	19.0	20.4	--	--	--	--	--	--	--	8.5																																																																																																																																																																																																																																																
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Cull cows	Head	--	--	--	--	--	--	--	--	--	--	5																																																																																																																																																																																																																																																

Table 5--Beef cow enterprises of 100-499 cows, Bitterroot National Forest, Southwest Montana, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																										
Production:							Cash costs--Continued																																																																																																																																																																																																																																																
Bred cows 1/	Head	233	--	--	--	--	Protein supplement 5/	Ton	--	--	--	--	--																																																																																																																																																																																																																																										
Annual cow loss	Head	7	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																										
Cows culled	Head	20	--	--	--	--	Other feed	Ton	--	--	--	--	--																																																																																																																																																																																																																																										
Calves born alive	Head	219	--	--	--	--	Salt and mineral	Cwt	81.6	--	4.27	348	1.49																																																																																																																																																																																																																																										
Calves lost birth to weaning	Head	7	--	--	--	--	Veterinary & medicine	Dol	--	--	--	2,538	10.89																																																																																																																																																																																																																																										
Steer calves weaned	Head	106	--	--	--	--	Hired trucking	Dol	--	--	--	782	3.36																																																																																																																																																																																																																																										
Sold as weaners	Head	106	--	--	--	--	Marketing 6/	Dol	--	--	--	374	1.61																																																																																																																																																																																																																																										
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	Dol	--	--	--	2,902	12.45																																																																																																																																																																																																																																										
Sold as yearlings	Head	--	--	--	--	--	Hired labor	Hrs	634.0	--	4.00	2,536	10.88																																																																																																																																																																																																																																										
Heifer calves weaned	Head	106	--	--	--	--	Fuel and lubricants	Dol	--	--	--	3,363	14.43																																																																																																																																																																																																																																										
Sold as weaners	Head	72	--	--	--	--	Repairs	Dol	--	--	--	3,232	13.87																																																																																																																																																																																																																																										
Lost after weaning	Head	--	--	--	--	--	Taxes 8/	Dol	--	--	--	3,739	16.05																																																																																																																																																																																																																																										
Sold as yearlings	Head	6	--	--	--	--	Insurance	Dol	--	--	--	1,192	5.12																																																																																																																																																																																																																																										
Kept for herd replacement 2/	Head	27	--	--	--	--	Interest on operating capital 9/	Dol	15,862.8	--	0.15	2,348	10.08																																																																																																																																																																																																																																										
Bulls	Head	12	--	--	--	--	Total cash costs	Dol	--	--	--	38,685	165.03																																																																																																																																																																																																																																										
Sales:							Other costs:																																																																																																																																																																																																																																																
Steer calves	Head	106	470	67.24	33,499	--	Family labor 10/	Hrs	1,288.9	--	4.00	5,152	22.11																																																																																																																																																																																																																																										
Heifer calves	Head	72	440	58.24	18,450	--	Capital replacement 11/	Dol	--	--	--	9,130	39.18																																																																																																																																																																																																																																										
Yearling steers	Head	--	--	--	--	--	Interest on investment other than land 13/	Dol	--	--	--	22,601	97.00																																																																																																																																																																																																																																										
Yearling heifers	Head	6	850	56.88	2,901	--	Interest on land 13/	Dol	--	--	--	132,379	568.15																																																																																																																																																																																																																																										
Cull cows	Head	20	1,000	34.20	6,840	--	Total other costs	Dol	--	--	--	169,262	726.45																																																																																																																																																																																																																																										
Total sales	Head	--	--	--	61,690	264.76	Total all costs	Dol	--	--	--	207,947	892.48																																																																																																																																																																																																																																										
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																
Federal grazing fees 3/	AM	499.0	--	1.86	928	3.98	Return above cash costs and family labor	Dol	--	--	--	23,005	98.73																																																																																																																																																																																																																																										
Private pasture lease	AM	--	--	--	--	--	Return to total investment 14/	Dol	--	--	--	8,723	37.44																																																																																																																																																																																																																																										
Other pasture lease 4/	AM	152.2	--	3.78	575	2.47	Return to land 15/	Dol	--	--	--	-13,878	-59.56																																																																																																																																																																																																																																										
State land lease	AM	--	--	--	--	--																																																																																																																																																																																																																																																	
Irrigated pasture	AM	--	--	--	--	--																																																																																																																																																																																																																																																	
Hay produced	Ton	377.7	--	33.59	12,687	54.45																																																																																																																																																																																																																																																	
Hay purchased	Ton	19.9	--	57.33	1,141	4.90																																																																																																																																																																																																																																																	
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td>Feed source:</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>18.0</td> <td>102.0</td> <td>110.0</td> <td>114.0</td> <td>114.0</td> <td>41.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Pasture rent/Lease 17/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Other land lease</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>33.5</td> <td>23.8</td> <td>22.9</td> <td>22.4</td> <td>21.2</td> <td>28.4</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>301.1</td> <td>213.8</td> <td>206.0</td> <td>201.7</td> <td>190.9</td> <td>256.7</td> <td>--</td> <td>--</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>260.0</td> <td>131.0</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>78.7</td> <td>85.9</td> <td>93.0</td> <td>100.6</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>30.4</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Marketing month:</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>106</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>72</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>6</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>20</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:													National Forest 16/	AM	--	--	--	18.0	102.0	110.0	114.0	114.0	41.0	--	--	Bureau of Land Management 16/	AM	--	--	--	--	--	--	--	--	--	--	--	Pasture rent/Lease 17/	AM	--	--	--	--	--	--	--	--	--	--	--	Other land lease	AM	--	--	--	33.5	23.8	22.9	22.4	21.2	28.4	--	--	Deeded rangeland 17/	AM	--	--	--	301.1	213.8	206.0	201.7	190.9	256.7	--	--	Irrigated pasture 17/	AM	--	--	--	--	--	--	--	--	--	--	--	Crop residue 17/	AM	--	--	--	--	--	--	--	--	--	260.0	131.0	Hay	Ton	78.7	85.9	93.0	100.6	--	--	--	--	--	--	30.4	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--	Marketing month:													Steer calves	Head	--	--	--	--	--	--	--	--	--	106	--	Heifer calves	Head	--	--	--	--	--	--	--	--	--	72	--	Yearling steers	Head	--	--	--	--	--	--	--	--	--	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	--	--	--	6	Cull cows	Head	--	--	--	--	--	--	--	--	--	--	20
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																											
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Bureau of Land Management 16/	AM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Pasture rent/Lease 17/	AM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Other land lease	AM	--	--	--	33.5	23.8	22.9	22.4	21.2	28.4	--	--																																																																																																																																																																																																																																											
Deeded rangeland 17/	AM	--	--	--	301.1	213.8	206.0	201.7	190.9	256.7	--	--																																																																																																																																																																																																																																											
Irrigated pasture 17/	AM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Crop residue 17/	AM	--	--	--	--	--	--	--	--	--	260.0	131.0																																																																																																																																																																																																																																											
Hay	Ton	78.7	85.9	93.0	100.6	--	--	--	--	--	--	30.4																																																																																																																																																																																																																																											
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Marketing month:																																																																																																																																																																																																																																																							
Steer calves	Head	--	--	--	--	--	--	--	--	--	106	--																																																																																																																																																																																																																																											
Heifer calves	Head	--	--	--	--	--	--	--	--	--	72	--																																																																																																																																																																																																																																											
Yearling steers	Head	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Yearling heifers	Head	--	--	--	--	--	--	--	--	--	--	6																																																																																																																																																																																																																																											
Cull cows	Head	--	--	--	--	--	--	--	--	--	--	20																																																																																																																																																																																																																																											

Table 6--Beef cow enterprises of 500 or more cows, Bitterroot National Forest, South-West Montana, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																										
Production:							Cash costs--Continued																																																																																																																																																																																																																																																
Bred cows 1/	Head	700	--	--	--	--	Protein supplement 5/	Ton	--	--	--	--	--																																																																																																																																																																																																																																										
Annual cow loss	Head	21	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																										
Cows culled	Head	63	--	--	--	--	Other feed	Ton	--	--	--	--	--																																																																																																																																																																																																																																										
Calves born alive	Head	658	--	--	--	--	Salt and mineral	Cwt	245.0	--	4.27	1,046	1.49																																																																																																																																																																																																																																										
Calves lost birth to weaning	Head	20	--	--	--	--	Veterinary & medicine	Dol	--	--	--	4,821	6.89																																																																																																																																																																																																																																										
Steer calves weaned	Head	319	--	--	--	--	Hired trucking	Dol	--	--	--	4,155	5.94																																																																																																																																																																																																																																										
Sold as weaners	Head	319	--	--	--	--	Marketing 6/	Dol	--	--	--	1,987	2.84																																																																																																																																																																																																																																										
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	Dol	--	--	--	9,364	13.38																																																																																																																																																																																																																																										
Sold as yearlings	Head	--	--	--	--	--	Hired labor	Hrs	1,225.0	--	4.00	4,900	7.00																																																																																																																																																																																																																																										
Heifer calves weaned	Head	319	--	--	--	--	Fuel and lubricants	Dol	--	--	--	11,129	15.90																																																																																																																																																																																																																																										
Sold as weaners	Head	214	--	--	--	--	Repairs	Dol	--	--	--	10,644	15.21																																																																																																																																																																																																																																										
Lost after weaning	Head	2	--	--	--	--	Taxes 8/	Dol	--	--	--	9,240	13.20																																																																																																																																																																																																																																										
Sold as yearlings	Head	19	--	--	--	--	Insurance	Dol	--	--	--	3,510	5.01																																																																																																																																																																																																																																										
Kept for herd replacement 2/	Head	84	--	--	--	--	Interest on operating capital 9/	Dol	46,112.2	--	0.15	6,825	9.75																																																																																																																																																																																																																																										
Bulls	Head	35	--	--	--	--	Total cash costs	Dol	--	--	--	112,478	160.68																																																																																																																																																																																																																																										
Sales:							Other costs:																																																																																																																																																																																																																																																
Steer calves	Head	319	470	67.24	100,813	--	Family labor 10/	Hrs	3,675.0	--	4.00	14,700	21.00																																																																																																																																																																																																																																										
Heifer calves	Head	214	440	58.24	54,839	--	Capital replacement 11/	Dol	--	--	--	24,806	35.44																																																																																																																																																																																																																																										
Yearling steers	Head	--	--	--	--	--	Interest on investment other than land 13/	Dol	--	--	--	66,137	94.48																																																																																																																																																																																																																																										
Yearling heifers	Head	19	850	56.88	9,186	--	Interest on land 13/	Dol	--	--	--	318,399	454.86																																																																																																																																																																																																																																										
Cull cows	Head	63	1,000	34.20	21,546	--	Total other costs	Dol	--	--	--	424,042	605.77																																																																																																																																																																																																																																										
Total sales	Head	--	--	--	186,384	266.26	Total all costs	Dol	--	--	--	536,520	766.46																																																																																																																																																																																																																																										
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																
Federal grazing fees 3/	AM	407.0	--	1.86	757	1.08	Return above cash costs and family labor	Dol	--	--	--	73,906	105.58																																																																																																																																																																																																																																										
Private pasture lease	AUM	--	--	--	--	--	Return to total investment 14/	Dol	--	--	--	34,400	49.14																																																																																																																																																																																																																																										
Other pasture lease 4/	AUM	610.6	--	3.78	2,308	3.30	Return to land 15/	Dol	--	--	--	-31,737	-45.34																																																																																																																																																																																																																																										
State land lease	AUM	--	--	--	--	--																																																																																																																																																																																																																																																	
Irrigated pasture	AUM	--	--	--	--	--																																																																																																																																																																																																																																																	
Hay produced	Ton	1,141.6	--	33.59	38,346	54.78																																																																																																																																																																																																																																																	
Hay purchased	Ton	60.1	--	57.33	3,446	4.92																																																																																																																																																																																																																																																	
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td>Feed source:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>105.0</td> <td>105.0</td> <td>105.0</td> <td>92.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>107.9</td> <td>100.1</td> <td>101.0</td> <td>101.5</td> <td>97.6</td> <td>102.5</td> <td>--</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>971.1</td> <td>901.0</td> <td>909.1</td> <td>913.6</td> <td>878.4</td> <td>921.6</td> <td>390.0</td> <td>--</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>390.0</td> <td>392.5</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>235.8</td> <td>258.3</td> <td>288.3</td> <td>301.5</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>117.8</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Marketing month:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>319</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>214</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>19</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>63</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:													National Forest 16/	AM	--	--	--	--	105.0	105.0	105.0	92.0	--	--	--	Bureau of Land Management 16/	AM	--	--	--	--	--	--	--	--	--	--	--	Pasture rent/lease 17/	AUM	--	--	--	107.9	100.1	101.0	101.5	97.6	102.5	--	--	State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--	Deeded rangeland 17/	AUM	--	--	--	971.1	901.0	909.1	913.6	878.4	921.6	390.0	--	Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	390.0	392.5	Hay	Ton	235.8	258.3	288.3	301.5	--	--	--	--	--	--	117.8	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--	Marketing month:													Steer calves	Head	--	--	--	--	--	--	--	--	--	319	--	Heifer calves	Head	--	--	--	--	--	--	--	--	--	214	--	Yearling steers	Head	--	--	--	--	--	--	--	--	--	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	--	--	--	19	Cull cows	Head	--	--	--	--	--	--	--	--	--	--	63
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																											
Feed source:																																																																																																																																																																																																																																																							
National Forest 16/	AM	--	--	--	--	105.0	105.0	105.0	92.0	--	--	--																																																																																																																																																																																																																																											
Bureau of Land Management 16/	AM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Pasture rent/lease 17/	AUM	--	--	--	107.9	100.1	101.0	101.5	97.6	102.5	--	--																																																																																																																																																																																																																																											
State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Deeded rangeland 17/	AUM	--	--	--	971.1	901.0	909.1	913.6	878.4	921.6	390.0	--																																																																																																																																																																																																																																											
Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	390.0	392.5																																																																																																																																																																																																																																											
Hay	Ton	235.8	258.3	288.3	301.5	--	--	--	--	--	--	117.8																																																																																																																																																																																																																																											
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Marketing month:																																																																																																																																																																																																																																																							
Steer calves	Head	--	--	--	--	--	--	--	--	--	319	--																																																																																																																																																																																																																																											
Heifer calves	Head	--	--	--	--	--	--	--	--	--	214	--																																																																																																																																																																																																																																											
Yearling steers	Head	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Yearling heifers	Head	--	--	--	--	--	--	--	--	--	--	19																																																																																																																																																																																																																																											
Cull cows	Head	--	--	--	--	--	--	--	--	--	--	63																																																																																																																																																																																																																																											

Table 7--Beef cow enterprises of 0-99 cows, Clearwater National Forest, Northern Idaho, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																										
Production:							Cash costs--Continued																																																																																																																																																																																																																																																
Bred cows 1/	Head	51	--	--	--	--	Protein supplement 5/	Ton	3.9	--	228.20	890	17.45																																																																																																																																																																																																																																										
Annual cow loss	Head	2	--	--	--	--	Grain Corn	Bu	--	--	--	--	--																																																																																																																																																																																																																																										
Cows culled	Head	8	--	--	--	--	Other feed	Ton	--	--	--	--	--																																																																																																																																																																																																																																										
Calves born alive	Head	41	--	--	--	--	Salt and mineral	Cwt	17.8	--	4.33	77	1.51																																																																																																																																																																																																																																										
Calves lost birth to weaning	Head	3	--	--	--	--	Veterinary & medicine	Dol	--	--	--	377	7.39																																																																																																																																																																																																																																										
Steer calves weaned	Head	19	--	--	--	--	Hired trucking	Dol	--	--	--	229	4.49																																																																																																																																																																																																																																										
Sold as weaners	Head	9	--	--	--	--	Marketing 6/	Dol	--	--	--	96	1.88																																																																																																																																																																																																																																										
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	Dol	--	--	--	978	17.22																																																																																																																																																																																																																																										
Sold as yearlings	Head	10	--	--	--	--	Hired labor	Hrs	253.0	--	4.17	1,055	20.69																																																																																																																																																																																																																																										
Heifer calves weaned	Head	19	--	--	--	--	Fuel and lubricants	Dol	--	--	--	1,216	23.84																																																																																																																																																																																																																																										
Sold as weaners	Head	6	--	--	--	--	Repairs	Dol	--	--	--	1,551	30.41																																																																																																																																																																																																																																										
Lost after weaning	Head	1	--	--	--	--	Taxes 8/	Dol	--	--	--	632	12.39																																																																																																																																																																																																																																										
Sold as yearlings	Head	2	--	--	--	--	Insurance	Dol	--	--	--	280	5.49																																																																																																																																																																																																																																										
Kept for herd replacement 2/	Head	10	--	--	--	--	Interest on operating capital 9/	Dol	6,975.0	--	0.15	1,032	20.24																																																																																																																																																																																																																																										
Bulls	Head	2	--	--	--	--	Total cash costs	Dol	--	--	--	13,346	261.69																																																																																																																																																																																																																																										
Sales:							Other costs:																																																																																																																																																																																																																																																
Steer calves	Head	9	475	65.44	2,798	--	Family labor 10/	Hrs	757.0	--	4.17	3,157	61.90																																																																																																																																																																																																																																										
Heifer calves	Head	6	440	54.08	1,428	--	Capital replacement 11/	Dol	--	--	--	3,237	63.47																																																																																																																																																																																																																																										
Yearling steers	Head	10	700	62.00	4,340	--	Interest on investment other than land 13/	Dol	--	--	--	6,302	123.57																																																																																																																																																																																																																																										
Yearling heifers	Head	2	655	56.56	741	--	Interest on land 13/	Dol	--	--	--	17,936	351.69																																																																																																																																																																																																																																										
Cull cows	Head	8	925	34.20	2,531	--	Total other costs	Dol	--	--	--	30,632	600.63																																																																																																																																																																																																																																										
Total sales	Head	--	--	--	11,838	232.12	Total all costs	Dol	--	--	--	43,978	862.31																																																																																																																																																																																																																																										
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																
Federal grazing fees 3/	AM	97.0	--	1.86	180	3.53	Return above cash costs: and family labor	Dol	--	--	--	-1,508	-29.57																																																																																																																																																																																																																																										
Private pasture lease	AUM	119.1	--	7.98	950	18.63	Return to total investment 14/	Dol	--	--	--	-4,665	-91.47																																																																																																																																																																																																																																										
Other pasture lease 4/	AUM	--	--	--	--	--	Return to total investment 14/	Dol	--	--	--	-7,902	-154.94																																																																																																																																																																																																																																										
State land lease	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-14,204	-278.51																																																																																																																																																																																																																																										
Irrigated pasture	AUM	--	--	--	--	--																																																																																																																																																																																																																																																	
Hay produced	Ton	95.7	--	32.78	3,137	61.51																																																																																																																																																																																																																																																	
Hay purchased	Ton	14.4	--	53.17	766	15.02																																																																																																																																																																																																																																																	
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td>Feed source:</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>16.0</td> <td>25.0</td> <td>25.0</td> <td>22.0</td> <td>9.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>30.5</td> <td>24.6</td> <td>20.9</td> <td>21.3</td> <td>21.8</td> <td>--</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>56.6</td> <td>45.6</td> <td>38.8</td> <td>39.5</td> <td>40.5</td> <td>--</td> <td>--</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>61.4</td> <td>30.2</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>17.8</td> <td>19.6</td> <td>21.1</td> <td>22.9</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>9.7</td> <td>19.0</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>.9</td> <td>.9</td> <td>.9</td> <td>.9</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>.2</td> <td>.1</td> </tr> <tr> <td>Marketing month:</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>9</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>6</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>10</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>2</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>8</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:													National Forest 16/	AM	--	--	--	--	16.0	25.0	25.0	22.0	9.0	--	--	Bureau of Land Management 16/	AM	--	--	--	--	--	--	--	--	--	--	--	Pasture rent/lease 17/	AUM	--	--	--	--	30.5	24.6	20.9	21.3	21.8	--	--	State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--	Deeded rangeland 17/	AUM	--	--	--	--	56.6	45.6	38.8	39.5	40.5	--	--	Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	61.4	30.2	--	Hay	Ton	17.8	19.6	21.1	22.9	--	--	--	--	--	9.7	19.0	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	.9	.9	.9	.9	--	--	--	--	--	.2	.1	Marketing month:													Steer calves	Head	--	--	--	--	--	--	--	--	--	9	--	Heifer calves	Head	--	--	--	--	--	--	--	--	--	6	--	Yearling steers	Head	--	--	--	--	--	--	--	10	--	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	2	--	--	--	Cull cows	Head	--	--	--	--	--	--	--	--	--	--	8
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																											
Feed source:																																																																																																																																																																																																																																																							
National Forest 16/	AM	--	--	--	--	16.0	25.0	25.0	22.0	9.0	--	--																																																																																																																																																																																																																																											
Bureau of Land Management 16/	AM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Pasture rent/lease 17/	AUM	--	--	--	--	30.5	24.6	20.9	21.3	21.8	--	--																																																																																																																																																																																																																																											
State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Deeded rangeland 17/	AUM	--	--	--	--	56.6	45.6	38.8	39.5	40.5	--	--																																																																																																																																																																																																																																											
Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	61.4	30.2	--																																																																																																																																																																																																																																											
Hay	Ton	17.8	19.6	21.1	22.9	--	--	--	--	--	9.7	19.0																																																																																																																																																																																																																																											
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Protein supplement	Ton	.9	.9	.9	.9	--	--	--	--	--	.2	.1																																																																																																																																																																																																																																											
Marketing month:																																																																																																																																																																																																																																																							
Steer calves	Head	--	--	--	--	--	--	--	--	--	9	--																																																																																																																																																																																																																																											
Heifer calves	Head	--	--	--	--	--	--	--	--	--	6	--																																																																																																																																																																																																																																											
Yearling steers	Head	--	--	--	--	--	--	--	10	--	--	--																																																																																																																																																																																																																																											
Yearling heifers	Head	--	--	--	--	--	--	--	2	--	--	--																																																																																																																																																																																																																																											
Cull cows	Head	--	--	--	--	--	--	--	--	--	--	8																																																																																																																																																																																																																																											

Table 8—Beef cow enterprises with 100 or more cows, Clearwater National Forest, Northwestern Idaho, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																										
Production:							Cash costs--Continued																																																																																																																																																																																																																																																
Bred cows 1/	Head	272	--	--	--	--	Protein supplement 5/	Ton	21.2	--	228.20	4,838	17.79																																																																																																																																																																																																																																										
Annual cow loss	Head	11	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																										
Cows culled	Head	13	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--																																																																																																																																																																																																																																										
Calves born alive	Head	258	--	--	--	--	Salt and mineral	Cwt	95.2	--	4.33	412	1.51																																																																																																																																																																																																																																										
Calves lost birth to weaning	Head	18	--	--	--	--	Veterinary & medicine	Dol	--	--	--	1,741	6.40																																																																																																																																																																																																																																										
Steer calves weaned	Head	120	--	--	--	--	Hired trucking	Dol	--	--	--	947	3.48																																																																																																																																																																																																																																										
Sold as weaners	Head	89	--	--	--	--	Marketing 6/	Dol	--	--	--	307	1.13																																																																																																																																																																																																																																										
Lost after weaning	Head	1	--	--	--	--	General overhead 7/	Dol	--	--	--	3,387	12.45																																																																																																																																																																																																																																										
Sold as yearlings	Head	30	--	--	--	--	Hired labor	Hrs	1,237.0	--	4.17	5,158	18.96																																																																																																																																																																																																																																										
Heifer calves weaned	Head	120	--	--	--	--	Fuel and lubricants	Dol	--	--	--	3,773	13.87																																																																																																																																																																																																																																										
Sold as weaners	Head	49	--	--	--	--	Repairs	Dol	--	--	--	3,826	14.07																																																																																																																																																																																																																																										
Lost after weaning	Head	2	--	--	--	--	Taxes 8/	Dol	--	--	--	2,540	9.34																																																																																																																																																																																																																																										
Sold as yearlings	Head	45	--	--	--	--	Insurance	Dol	--	--	--	1,298	4.77																																																																																																																																																																																																																																										
Kept for herd replacement 2/	Head	24	--	--	--	--	Interest on operating capital 9/	Dol	28,026.5	--	0.15	4,148	15.25																																																																																																																																																																																																																																										
Bulls	Head	14	--	--	--	--	Total cash costs	Dol	--	--	--	58,279	214.26																																																																																																																																																																																																																																										
Sales:							Other costs:																																																																																																																																																																																																																																																
Steer calves	Head	89	475	65.44	27,665	--	Family labor 10/	Hrs	1,238.0	--	4.17	5,162	18.98																																																																																																																																																																																																																																										
Heifer calves	Head	49	440	54.08	11,660	--	Capital replacement 11/	Dol	--	--	--	9,946	36.57																																																																																																																																																																																																																																										
Yearling steers	Head	30	700	63.50	13,335	--	Interest on investment other than land 13/	Dol	--	--	--	26,584	97.74																																																																																																																																																																																																																																										
Yearling heifers	Head	45	655	56.56	16,671	--	Interest on land 13/	Dol	--	--	--	83,384	306.56																																																																																																																																																																																																																																										
Cull cows	Head	13	925	34.20	4,113	--	Total other costs	Dol	--	--	--	125,076	459.84																																																																																																																																																																																																																																										
Total sales	Head	--	--	--	73,444	270.02	Total all costs	Dol	--	--	--	183,355	674.10																																																																																																																																																																																																																																										
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																
Federal grazing fees 3/	AM	472.0	--	1.86	878	3.23	Return above cash costs and family labor	Dol	--	--	--	15,165	55.75																																																																																																																																																																																																																																										
Private pasture lease	AUM	610.3	--	7.98	4,870	17.90	Return to total investment 14/	Dol	--	--	--	57	.21																																																																																																																																																																																																																																										
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-26,527	-97.53																																																																																																																																																																																																																																										
State land lease	AUM	71.0	--	4.72	335	1.23																																																																																																																																																																																																																																																	
Irrigated pasture	AUM	--	--	--	--	--																																																																																																																																																																																																																																																	
Hay produced	Ton	483.2	--	32.78	15,839	58.23																																																																																																																																																																																																																																																	
Hay purchased	Ton	74.9	--	53.17	3,982	14.64																																																																																																																																																																																																																																																	
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td>Feed source:</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>83.0</td> <td>98.0</td> <td>101.0</td> <td>106.0</td> <td>84.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>184.0</td> <td>110.5</td> <td>107.1</td> <td>107.2</td> <td>101.5</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>18.4</td> <td>17.8</td> <td>17.9</td> <td>16.9</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>276.0</td> <td>239.5</td> <td>232.1</td> <td>232.4</td> <td>219.8</td> <td>81.9</td> <td>--</td> <td>--</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>200.0</td> <td>165.5</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>93.2</td> <td>102.9</td> <td>111.0</td> <td>102.9</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>48.4</td> <td>99.7</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>4.9</td> <td>4.9</td> <td>4.9</td> <td>4.9</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>0.8</td> <td>0.8</td> </tr> <tr> <td>Marketing month:</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>89.0</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>49.0</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>30.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>26.0</td> <td>--</td> <td>--</td> <td>19.0</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>13.0</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:													National Forest 16/	AM	--	--	--	--	83.0	98.0	101.0	106.0	84.0	--	--	Bureau of Land Management 16/	AM	--	--	--	--	--	--	--	--	--	--	--	Pasture rent/lease 17/	AUM	--	--	--	184.0	110.5	107.1	107.2	101.5	--	--	--	State land lease	AUM	--	--	--	--	18.4	17.8	17.9	16.9	--	--	--	Deeded rangeland 17/	AUM	--	--	--	276.0	239.5	232.1	232.4	219.8	81.9	--	--	Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	200.0	165.5	--	Hay	Ton	93.2	102.9	111.0	102.9	--	--	--	--	--	48.4	99.7	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	4.9	4.9	4.9	4.9	--	--	--	--	--	0.8	0.8	Marketing month:													Steer calves	Head	--	--	--	--	--	--	--	--	--	89.0	--	Heifer calves	Head	--	--	--	--	--	--	--	--	--	49.0	--	Yearling steers	Head	--	--	--	--	--	--	--	30.0	--	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	26.0	--	--	19.0	Cull cows	Head	--	--	--	--	--	--	--	--	--	--	13.0
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																											
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Bureau of Land Management 16/	AM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Pasture rent/lease 17/	AUM	--	--	--	184.0	110.5	107.1	107.2	101.5	--	--	--																																																																																																																																																																																																																																											
State land lease	AUM	--	--	--	--	18.4	17.8	17.9	16.9	--	--	--																																																																																																																																																																																																																																											
Deeded rangeland 17/	AUM	--	--	--	276.0	239.5	232.1	232.4	219.8	81.9	--	--																																																																																																																																																																																																																																											
Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	200.0	165.5	--																																																																																																																																																																																																																																											
Hay	Ton	93.2	102.9	111.0	102.9	--	--	--	--	--	48.4	99.7																																																																																																																																																																																																																																											
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Protein supplement	Ton	4.9	4.9	4.9	4.9	--	--	--	--	--	0.8	0.8																																																																																																																																																																																																																																											
Marketing month:																																																																																																																																																																																																																																																							
Steer calves	Head	--	--	--	--	--	--	--	--	--	89.0	--																																																																																																																																																																																																																																											
Heifer calves	Head	--	--	--	--	--	--	--	--	--	49.0	--																																																																																																																																																																																																																																											
Yearling steers	Head	--	--	--	--	--	--	--	30.0	--	--	--																																																																																																																																																																																																																																											
Yearling heifers	Head	--	--	--	--	--	--	--	26.0	--	--	19.0																																																																																																																																																																																																																																											
Cull cows	Head	--	--	--	--	--	--	--	--	--	--	13.0																																																																																																																																																																																																																																											

Table 9--Beef cow enterprises with up to 199 cows, Custer National Forest (Ashland), Southeast Montana, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																										
Production:							Cash costs--Continued:																																																																																																																																																																																																																																																
Bred cows 1/	Head	106	--	--	--	--	Protein supplement 5/	Ton	--	--	--	--	--																																																																																																																																																																																																																																										
Annual cow loss	Head	4	--	--	--	--	Grain - Corn	Bu	20.0	--	2.13	43	0.41																																																																																																																																																																																																																																										
Cows culled	Head	17	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--																																																																																																																																																																																																																																										
Calves born alive	Head	93	--	--	--	--	Salt and mineral	Cwt	37.1	--	4.27	158	1.49																																																																																																																																																																																																																																										
Calves lost birth to weaning	Head	4	--	--	--	--	Veterinary & medicine	Dol	--	--	--	466	4.40																																																																																																																																																																																																																																										
Steer calves weaned	Head	44	--	--	--	--	Hired trucking	Dol	--	--	--	191	1.80																																																																																																																																																																																																																																										
Sold as weaners	Head	23	--	--	--	--	Marketing 6/	Dol	--	--	--	363	3.42																																																																																																																																																																																																																																										
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	Dol	--	--	--	2,920	27.55																																																																																																																																																																																																																																										
Sold as yearlings	Head	21	--	--	--	--	Hired labor	Hrs	230.0	--	4.00	920	8.68																																																																																																																																																																																																																																										
Heifer calves weaned	Head	45	--	--	--	--	Fuel and lubricants	Dol	--	--	--	2,260	21.32																																																																																																																																																																																																																																										
Sold as weaners	Head	14	--	--	--	--	Repairs	Dol	--	--	--	1,590	15.00																																																																																																																																																																																																																																										
Lost after weaning	Head	1	--	--	--	--	Taxes 8/	Dol	--	--	--	1,917	18.08																																																																																																																																																																																																																																										
Sold as yearlings	Head	9	--	--	--	--	Insurance	Dol	--	--	--	661	6.24																																																																																																																																																																																																																																										
Kept for herd replacement 2/	Head	21	--	--	--	--	Interest on operating capital 9/	Dol	7,658.8	--	0.15	1,134	10.70																																																																																																																																																																																																																																										
Bulls	Head	6	--	--	--	--	Total cash costs	Dol	--	--	--	18,724	176.65																																																																																																																																																																																																																																										
Sales:							Other costs:																																																																																																																																																																																																																																																
Steer calves	Head	23	420	67.24	6,495	--	Family labor 10/	Hrs	1,045.0	--	4.00	4,180	39.43																																																																																																																																																																																																																																										
Heifer calves	Head	14	380	59.42	3,161	--	Capital replacement 11/	Dol	--	--	--	5,439	51.31																																																																																																																																																																																																																																										
Yearling steers	Head	21	745	65.12	10,188	--	Interest on investment other than land 13/	Dol	--	--	--	12,064	113.81																																																																																																																																																																																																																																										
Yearling heifers	Head	9	750	57.10	3,854	--	Interest on land 13/	Dol	--	--	--	63,814	602.02																																																																																																																																																																																																																																										
Cull cows	Head	17	1,000	35.05	5,959	--	Total other costs	Dol	--	--	--	85,497	806.58																																																																																																																																																																																																																																										
Total sales	Head	--	--	--	29,657	279.78	Total all costs	Dol	--	--	--	104,221	983.22																																																																																																																																																																																																																																										
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																
Federal grazing fees 3/	AM	611.0	--	1.86	1,136	10.72	Return above cash costs and family labor	Dol	--	--	--	6,753	63.71																																																																																																																																																																																																																																										
Private pasture lease	AUM	165.9	--	8.90	1,477	13.93	Return to total investment 14/	Dol	--	--	--	1,314	12.40																																																																																																																																																																																																																																										
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-10,750	-101.42																																																																																																																																																																																																																																										
State land lease	AUM	--	--	--	--	--																																																																																																																																																																																																																																																	
Irrigated pasture	AUM	--	--	--	--	--																																																																																																																																																																																																																																																	
Hay produced	Ton	87.3	--	33.59	2,932	27.66																																																																																																																																																																																																																																																	
Hay purchased	Ton	9.7	--	57.33	556	5.25																																																																																																																																																																																																																																																	
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td>Feed source:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>National Forest 16/</td> <td>--</td> <td>--</td> <td>--</td> <td>21.0</td> <td>83.0</td> <td>86.0</td> <td>86.0</td> <td>86.0</td> <td>86.0</td> <td>84.0</td> <td>79.0</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>--</td> <td>--</td> <td>--</td> <td>36.7</td> <td>21.7</td> <td>22.3</td> <td>24.1</td> <td>24.7</td> <td>24.6</td> <td>11.8</td> <td>--</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>35.0</td> <td>41.0</td> <td>47.0</td> <td>85.6</td> <td>50.6</td> <td>52.0</td> <td>52.2</td> <td>57.6</td> <td>57.4</td> <td>27.6</td> <td>--</td> <td>--</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>57.2</td> <td>48.0</td> </tr> <tr> <td>Hay</td> <td>22.9</td> <td>25.3</td> <td>26.6</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>22.2</td> </tr> <tr> <td>Grain</td> <td>5.0</td> <td>5.0</td> <td>5.0</td> <td>5.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Marketing month:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Steer calves</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>23.0</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>14.0</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>21.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>5.0</td> <td>--</td> <td>4.0</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>17.0</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:													National Forest 16/	--	--	--	21.0	83.0	86.0	86.0	86.0	86.0	84.0	79.0	--	Bureau of Land Management 16/	--	--	--	--	--	--	--	--	--	--	--	--	Pasture rent/lease 17/	--	--	--	36.7	21.7	22.3	24.1	24.7	24.6	11.8	--	--	State land lease	--	--	--	--	--	--	--	--	--	--	--	--	Deeded rangeland 17/	35.0	41.0	47.0	85.6	50.6	52.0	52.2	57.6	57.4	27.6	--	--	Irrigated pasture 17/	--	--	--	--	--	--	--	--	--	--	--	--	Crop residue 17/	--	--	--	--	--	--	--	--	--	--	57.2	48.0	Hay	22.9	25.3	26.6	--	--	--	--	--	--	--	--	22.2	Grain	5.0	5.0	5.0	5.0	--	--	--	--	--	--	--	--	Protein supplement	--	--	--	--	--	--	--	--	--	--	--	--	Marketing month:													Steer calves	--	--	--	--	--	--	--	--	--	--	23.0	--	Heifer calves	--	--	--	--	--	--	--	--	--	--	14.0	--	Yearling steers	--	--	--	--	--	--	--	--	21.0	--	--	--	Yearling heifers	--	--	--	--	--	--	--	--	5.0	--	4.0	--	Cull cows	--	--	--	--	--	--	--	--	--	--	17.0	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																											
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Pasture rent/lease 17/	--	--	--	36.7	21.7	22.3	24.1	24.7	24.6	11.8	--	--																																																																																																																																																																																																																																											
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Deeded rangeland 17/	35.0	41.0	47.0	85.6	50.6	52.0	52.2	57.6	57.4	27.6	--	--																																																																																																																																																																																																																																											
Irrigated pasture 17/	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Crop residue 17/	--	--	--	--	--	--	--	--	--	--	57.2	48.0																																																																																																																																																																																																																																											
Hay	22.9	25.3	26.6	--	--	--	--	--	--	--	--	22.2																																																																																																																																																																																																																																											
Grain	5.0	5.0	5.0	5.0	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Protein supplement	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Marketing month:																																																																																																																																																																																																																																																							
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Yearling steers	--	--	--	--	--	--	--	--	21.0	--	--	--																																																																																																																																																																																																																																											
Yearling heifers	--	--	--	--	--	--	--	--	5.0	--	4.0	--																																																																																																																																																																																																																																											
Cull cows	--	--	--	--	--	--	--	--	--	--	17.0	--																																																																																																																																																																																																																																											

Table 11--Beef cow enterprises with 400 or more cows, Custer National Forest (Ashland), Southeast Montana, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																												
Production:							Cash costs--Continued																																																																																																																																																																																																																																																		
Bred cows 1/	Head	759	--	--	--	--	Protein supplement 5/	Ton	33.0	--	241.00	7,953	10.48																																																																																																																																																																																																																																												
Annual cow loss	Head	30	--	--	--	--	Grain - Corn	Bu	119.0	--	2.13	253	0.33																																																																																																																																																																																																																																												
Cows culled	Head	117	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--																																																																																																																																																																																																																																												
Calves born alive	Head	668	--	--	--	--	Salt and mineral	Cwt	265.7	--	4.27	1,135	1.50																																																																																																																																																																																																																																												
Calves lost birth to weaning	Head	27	--	--	--	--	Veterinary & medicine	Dol	--	--	--	3,009	3.96																																																																																																																																																																																																																																												
Steer calves weaned	Head	320	--	--	--	--	Hired trucking	Dol	--	--	--	2,426	3.20																																																																																																																																																																																																																																												
Sold as weaners	Head	159	--	--	--	--	Marketing 6/	Dol	--	--	--	3,334	4.39																																																																																																																																																																																																																																												
Lost after weaning	Head	3	--	--	--	--	General overhead 7/	Dol	--	--	--	7,229	9.52																																																																																																																																																																																																																																												
Sold as yearlings	Head	158	--	--	--	--	Hired labor	Hrs	4,124.0	--	4.00	16,496	21.73																																																																																																																																																																																																																																												
Heifer calves weaned	Head	321	--	--	--	--	Fuel and lubricants	Dol	--	--	--	9,682	12.76																																																																																																																																																																																																																																												
Sold as weaners	Head	45	--	--	--	--	Repairs	Dol	--	--	--	11,021	14.52																																																																																																																																																																																																																																												
Lost after weaning	Head	6	--	--	--	--	Taxes 8/	Dol	--	--	--	11,157	14.70																																																																																																																																																																																																																																												
Sold as yearlings	Head	123	--	--	--	--	Insurance	Dol	--	--	--	4,470	5.89																																																																																																																																																																																																																																												
Kept for herd replacement 2/	Head	147	--	--	--	--	Interest on operating capital 9/	Dol	68,024.53	--	0.15	10,068	13.26																																																																																																																																																																																																																																												
Bulls	Head	42	--	--	--	--	Total cash costs	Dol	--	--	--	155,427	204.78																																																																																																																																																																																																																																												
Sales:							Other costs:																																																																																																																																																																																																																																																		
Steer calves	Head	159	420	67.24	44,903	--	Family labor 10/	Hrs	1,684.0	--	4.00	6,736	8.87																																																																																																																																																																																																																																												
Heifer calves	Head	45	380	59.42	10,161	--	Capital replacement 11/	Dol	--	--	--	41,906	55.21																																																																																																																																																																																																																																												
Yearling steers	Head	158	750	65.12	77,167	--	Interest on investment other than land 13/	Dol	--	--	--	82,266	108.39																																																																																																																																																																																																																																												
Yearling heifers	Head	123	675	58.42	48,503	--	Interest on land 13/	Dol	--	--	--	369,024	486.20																																																																																																																																																																																																																																												
Cull cows	Head	117	1,000	35.05	41,009	--	Total other costs	Dol	--	--	--	499,932	658.67																																																																																																																																																																																																																																												
Total sales	Head	--	--	--	221,743	292.15	Total all costs	Dol	--	--	--	655,359	863.45																																																																																																																																																																																																																																												
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																		
Federal grazing fees 3/	AM	4,283.0	--	1.86	7,966	10.50	Return above cash costs and family labor investment 14/	Dol	--	--	--	66,316	87.37																																																																																																																																																																																																																																												
Private pasture lease	AUM	905.4	--	8.90	8,058	10.62	Return to total investment 14/	Dol	--	--	--	59,580	78.50																																																																																																																																																																																																																																												
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	17,674	23.29																																																																																																																																																																																																																																												
State land lease	AUM	301.8	--	4.18	1,262	1.66		Dol	--	--	--	-64,592	-85.10																																																																																																																																																																																																																																												
Irrigated pasture	AUM	--	--	--	--	--																																																																																																																																																																																																																																																			
Hay produced	Ton	1,248.9	--	33.59	41,951	55.27																																																																																																																																																																																																																																																			
Hay purchased	Ton	138.8	--	57.33	7,957	10.48																																																																																																																																																																																																																																																			
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td colspan="14">Feed source:</td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>8.0</td> <td>8.0</td> <td>8.0</td> <td>34.0</td> <td>455.0</td> <td>452.0</td> <td>452.0</td> <td>452.0</td> <td>452.0</td> <td>452.0</td> <td>8.0</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>100.0</td> <td>150.0</td> <td>150.0</td> <td>150.0</td> <td>150.0</td> <td>100.0</td> <td>100.0</td> <td>--</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>159.4</td> <td>173.5</td> <td>186.5</td> <td>193.1</td> <td>192.9</td> <td>--</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>53.1</td> <td>57.8</td> <td>62.2</td> <td>64.4</td> <td>64.3</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>318.8</td> <td>347.1</td> <td>372.9</td> <td>386.1</td> <td>358.8</td> <td>77.0</td> <td>--</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>270.0</td> <td>374.4</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>268.2</td> <td>289.4</td> <td>304.0</td> <td>297.5</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>228.6</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>20.0</td> <td>25.0</td> <td>30.0</td> <td>10.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>34.0</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>--</td> <td>--</td> <td>--</td> <td>11.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>11.0</td> <td>11.0</td> </tr> <tr> <td colspan="14">Marketing month:</td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>159.0</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>45.0</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>158.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>90.0</td> <td>--</td> <td>33.0</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>117.0</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:														National Forest 16/	AM	8.0	8.0	8.0	34.0	455.0	452.0	452.0	452.0	452.0	452.0	8.0	Bureau of Land Management 16/	AM	--	--	--	100.0	150.0	150.0	150.0	150.0	100.0	100.0	--	Pasture rent/lease 17/	AUM	--	--	--	--	159.4	173.5	186.5	193.1	192.9	--	--	State land lease	AUM	--	--	--	--	53.1	57.8	62.2	64.4	64.3	--	--	Deeded rangeland 17/	AUM	--	--	--	--	318.8	347.1	372.9	386.1	358.8	77.0	--	Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	270.0	374.4	--	Hay	Ton	268.2	289.4	304.0	297.5	--	--	--	--	--	--	228.6	Grain	Bu	20.0	25.0	30.0	10.0	--	--	--	--	--	--	34.0	Protein supplement	Ton	--	--	--	11.0	--	--	--	--	--	11.0	11.0	Marketing month:														Steer calves	Head	--	--	--	--	--	--	--	--	--	159.0	--	Heifer calves	Head	--	--	--	--	--	--	--	--	--	45.0	--	Yearling steers	Head	--	--	--	--	--	--	--	158.0	--	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	90.0	--	33.0	--	Cull cows	Head	--	--	--	--	--	--	--	--	--	117.0	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																													
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Bureau of Land Management 16/	AM	--	--	--	100.0	150.0	150.0	150.0	150.0	100.0	100.0	--																																																																																																																																																																																																																																													
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Deeded rangeland 17/	AUM	--	--	--	--	318.8	347.1	372.9	386.1	358.8	77.0	--																																																																																																																																																																																																																																													
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Crop residue 17/	AUM	--	--	--	--	--	--	--	--	270.0	374.4	--																																																																																																																																																																																																																																													
Hay	Ton	268.2	289.4	304.0	297.5	--	--	--	--	--	--	228.6																																																																																																																																																																																																																																													
Grain	Bu	20.0	25.0	30.0	10.0	--	--	--	--	--	--	34.0																																																																																																																																																																																																																																													
Protein supplement	Ton	--	--	--	11.0	--	--	--	--	--	11.0	11.0																																																																																																																																																																																																																																													
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Yearling steers	Head	--	--	--	--	--	--	--	158.0	--	--	--																																																																																																																																																																																																																																													
Yearling heifers	Head	--	--	--	--	--	--	--	90.0	--	33.0	--																																																																																																																																																																																																																																													
Cull cows	Head	--	--	--	--	--	--	--	--	--	117.0	--																																																																																																																																																																																																																																													

Table 12--Beef cow enterprises of up to 199 cows, Custer National Forest (Reelodge), South Central Montana, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																										
Production:							Cash costs--Continued																																																																																																																																																																																																																																																
Bred cows <u>1/</u>	Head	103	--	--	--	--	Protein supplement <u>5/</u>	Ton	--	--	--	--	--																																																																																																																																																																																																																																										
Annual cow loss	Head	2	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																										
Cows culled	Head	15	--	--	--	--	Other feed	Ton	--	--	--	--	--																																																																																																																																																																																																																																										
Calves born alive	Head	95	--	--	--	--	Salt and mineral	Cwt	36.1	--	4.27	154	1.50																																																																																																																																																																																																																																										
Calves lost birth to weaning	Head	6	--	--	--	--	Veterinary & medicine	Dol	--	--	--	453	4.40																																																																																																																																																																																																																																										
Steer calves weaned	Head	44	--	--	--	--	Hired trucking	Dol	--	--	--	186	1.81																																																																																																																																																																																																																																										
Sold as weaners	Head	44	--	--	--	--	Marketing <u>6/</u>	Dol	--	--	--	352	3.42																																																																																																																																																																																																																																										
Lost after weaning	Head	--	--	--	--	--	General overhead <u>7/</u>	Dol	--	--	--	2,837	27.54																																																																																																																																																																																																																																										
Sold as yearlings	Head	--	--	--	--	--	Hired labor	Hrs	223.0	--	4.00	892	8.66																																																																																																																																																																																																																																										
Heifer calves weaned	Head	45	--	--	--	--	Fuel and lubricants	Dol	--	--	--	1,844	17.90																																																																																																																																																																																																																																										
Sold as weaners	Head	24	--	--	--	--	Repairs	Dol	--	--	--	1,525	14.81																																																																																																																																																																																																																																										
Lost after weaning	Head	1	--	--	--	--	Taxes <u>8/</u>	Dol	--	--	--	1,826	17.73																																																																																																																																																																																																																																										
Sold as yearlings	Head	3	--	--	--	--	Insurance	Dol	--	--	--	533	5.17																																																																																																																																																																																																																																										
Kept for herd replacement <u>2/</u>	Head	17	--	--	--	--	Interest on operating capital <u>9/</u>	Dol	9,034.4	--	.15	1,337	12.98																																																																																																																																																																																																																																										
Bulls	Head	5	--	--	--	--	Total cash costs	Dol	--	--	--	20,585	199.85																																																																																																																																																																																																																																										
Sales:							Other costs:																																																																																																																																																																																																																																																
Steer calves	Head	44	430	67.24	12,722	--	Family labor <u>10/</u>	Hrs	1,015.0	--	4.00	4,060	39.42																																																																																																																																																																																																																																										
Heifer calves	Head	24	390	59.42	5,562	--	Capital replacement <u>11/</u>	Dol	--	--	--	3,388	32.89																																																																																																																																																																																																																																										
Yearling steers	Head	--	--	--	--	--	Interest on investment other than land <u>13/</u>	Dol	--	--	--	9,885	95.97																																																																																																																																																																																																																																										
Yearling heifers	Head	3	700	57.10	1,199	--	Interest on land <u>13/</u>	Dol	--	--	--	65,960	640.39																																																																																																																																																																																																																																										
Cull cows	Head	15	1,000	35.05	5,258	--	Total other costs	Dol	--	--	--	83,293	808.67																																																																																																																																																																																																																																										
Total sales	Head	--	--	--	24,741	240.20	Total all costs	Dol	--	--	--	103,878	1008.52																																																																																																																																																																																																																																										
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																
Federal grazing fees <u>3/</u>	AM	264.0	--	1.86	491	4.77	Return above cash costs and family labor	Dol	--	--	--	4,156	40.35																																																																																																																																																																																																																																										
Private pasture lease	AUM	169.0	--	8.90	1,504	14.60	Return to total investment <u>14/</u>	Dol	--	--	--	-3,292	-31.96																																																																																																																																																																																																																																										
Other pasture lease <u>4/</u>	AUM	--	--	--	--	--	Return to land <u>15/</u>	Dol	--	--	--	-13,177	-127.93																																																																																																																																																																																																																																										
State land lease	AUM	--	--	--	--	--																																																																																																																																																																																																																																																	
Irrigated pasture	AUM	--	--	--	--	--																																																																																																																																																																																																																																																	
Hay produced	Ton	198.0	--	33.59	6,651	64.57																																																																																																																																																																																																																																																	
Hay purchased	Ton	--	--	--	--	--																																																																																																																																																																																																																																																	
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td>Feed source:</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>National Forest <u>16/</u></td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>24.0</td> <td>62.0</td> <td>70.0</td> <td>67.0</td> <td>41.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management <u>16/</u></td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Pasture rent/lease <u>17/</u></td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>30.0</td> <td>42.0</td> <td>22.0</td> <td>22.0</td> <td>28.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland <u>17/</u></td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>70.0</td> <td>96.4</td> <td>59.0</td> <td>51.6</td> <td>65.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Irrigated pasture <u>17/</u></td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue <u>17/</u></td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>35.4</td> <td>38.7</td> <td>42.0</td> <td>45.3</td> <td>18.6</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>18.0</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Marketing month:</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>14</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>24</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>3</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>15</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:													National Forest <u>16/</u>	AM	--	--	--	--	24.0	62.0	70.0	67.0	41.0	--	--	Bureau of Land Management <u>16/</u>	AM	--	--	--	--	--	--	--	--	--	--	--	Pasture rent/lease <u>17/</u>	AUM	--	--	--	--	30.0	42.0	22.0	22.0	28.0	--	--	State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--	Deeded rangeland <u>17/</u>	AUM	--	--	--	--	70.0	96.4	59.0	51.6	65.0	--	--	Irrigated pasture <u>17/</u>	AUM	--	--	--	--	--	--	--	--	--	--	--	Crop residue <u>17/</u>	AUM	--	--	--	--	--	--	--	--	--	--	--	Hay	Ton	35.4	38.7	42.0	45.3	18.6	--	--	--	--	--	18.0	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--	Marketing month:													Steer calves	Head	--	--	--	--	--	--	--	--	--	14	--	Heifer calves	Head	--	--	--	--	--	--	--	--	--	24	--	Yearling steers	Head	--	--	--	--	--	--	--	--	--	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	--	--	3	--	Cull cows	Head	--	--	--	--	--	--	--	--	--	15	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																											
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National Forest <u>16/</u>	AM	--	--	--	--	24.0	62.0	70.0	67.0	41.0	--	--																																																																																																																																																																																																																																											
Bureau of Land Management <u>16/</u>	AM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Pasture rent/lease <u>17/</u>	AUM	--	--	--	--	30.0	42.0	22.0	22.0	28.0	--	--																																																																																																																																																																																																																																											
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Irrigated pasture <u>17/</u>	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Crop residue <u>17/</u>	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Hay	Ton	35.4	38.7	42.0	45.3	18.6	--	--	--	--	--	18.0																																																																																																																																																																																																																																											
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Marketing month:																																																																																																																																																																																																																																																							
Steer calves	Head	--	--	--	--	--	--	--	--	--	14	--																																																																																																																																																																																																																																											
Heifer calves	Head	--	--	--	--	--	--	--	--	--	24	--																																																																																																																																																																																																																																											
Yearling steers	Head	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Yearling heifers	Head	--	--	--	--	--	--	--	--	--	3	--																																																																																																																																																																																																																																											
Cull cows	Head	--	--	--	--	--	--	--	--	--	15	--																																																																																																																																																																																																																																											

Table 14—Beef cow enterprises with 500 or more cows, Custer National Forest (Redlodge) South-Central Montana, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow
Production:							Cash costs--Continued:						
Bred cows 1/	Head	909	--	--	--	--	Protein supplement 5/	Ton	--	--	--	--	--
Annual cow loss	Head	17	--	--	--	--	Grain	Bu	--	--	--	--	--
Cows culled	Head	71	--	--	--	--	Other feed	Ton	--	--	--	--	--
Calves born alive	Head	836	--	--	--	--	Salt and mineral	Cwt	318.2	--	4.27	1,359	1.50
Calves lost birth to weaning	Head	50	--	--	--	--	Veterinary & medicine	Dol	--	--	--	3,603	3.96
Steer calves weaned	Head	393	--	--	--	--	Hired trucking	Dol	--	--	--	2,905	3.20
Sold as weaners	Head	393	--	--	--	--	Marketing 6/	Dol	--	--	--	3,993	4.39
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	Dol	--	--	--	633	0.70
Sold as yearlings	Head	--	--	--	--	--	Hired labor	Hrs	4,939.0	--	4.00	19,756	21.73
Heifer calves weaned	Head	393	--	--	--	--	Fuel and lubricants	Dol	--	--	--	8,403	9.24
Sold as weaners	Head	274	--	--	--	--	Repairs	Dol	--	--	--	10,848	11.93
Lost after weaning	Head	1	--	--	--	--	Taxes 8/	Dol	--	--	--	12,841	14.13
Sold as yearlings	Head	30	--	--	--	--	Insurance	Dol	--	--	--	4,442	4.89
Kept for herd replacement 2/	Head	88	--	--	--	--	Interest on operating capital 9/	Dol	76,027.5	--	0.15	11,252	12.38
Bulls	Head	41	--	--	--	--	Total cash costs	Dol	--	--	--	168,616	185.50
Sales:							Other costs:						
Steer calves	Head	393	430	67.24	113,629	--	Family labor 10/	Hrs	2,017.01	--	4.00	8,068	8.88
Heifer calves	Head	274	390	59.42	63,496	--	Capital replacement 11/	Dol	--	--	--	31,327	34.46
Yearling steers	Head	--	--	--	--	--	Interest on investment other than land 13/	Dol	--	--	--	82,360	90.61
Yearling heifers	Head	30	700	57.10	11,991	--	Interest on land 13/	Dol	--	--	--	470,455	517.55
Cull cows	Head	71	1,000	35.05	24,886	--	Total other costs	Dol	--	--	--	592,210	651.50
Total sales	Head	--	--	--	214,002	235.43	Total all costs	Dol	--	--	--	760,826	836.99
Cash costs:							Return above cash costs:						
Federal grazing fees 3/	AM	945.0	--	1.86	1,758	1.93	Return above cash costs and family labor	Dol	--	--	--	45,386	49.93
Private pasture lease	AUM	2,454.0	--	8.90	21,841	24.03	Return to total investment 14/	Dol	--	--	--	5,991	6.59
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-76,369	-84.01
State land lease	AUM	614.0	--	4.08	2,505	2.76							
Irrigated pasture	AUM	--	--	--	--	--							
Hay produced	Ton	1,860.0	--	33.59	62,477	68.73							
Hay purchased	Ton	--	--	--	--	--							
Monthly breakdown:													
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Feed source:													
National Forest 16/	AM	--	--	--	--	--	28.0	102.0	110.0	150.0	87.0	--	--
Bureau of Land Management 16/	AM	--	--	--	228.0	240.0	--	--	--	--	--	--	--
Pasture rent/lease 17/	AUM	--	--	--	--	--	596.0	559.0	559.0	508.0	232.0	--	--
State land lease	AUM	--	--	--	--	--	149.0	140.0	140.0	127.0	58.0	--	--
Deeded rangeland 17/	AUM	--	--	--	--	--	746.1	700.9	697.8	635.2	289.0	--	--
Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	624.0	1,033.0	--	--
Hay	Ton	312.9	342.9	370.3	310.8	210.2	--	--	--	--	--	--	312.9
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--
Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--	--
Marketing month:													
Steer calves	Head	--	--	--	--	--	--	--	--	--	--	393.0	--
Heifer calves	Head	--	--	--	--	--	--	--	--	--	--	274.0	--
Yearling steers	Head	--	--	--	--	--	--	--	--	--	--	--	--
Yearling heifers	Head	--	--	--	--	--	--	--	--	--	--	30.0	--
Cull cows	Head	--	--	--	--	--	--	--	--	--	--	71.0	--

Table 15--Beef cow enterprises of 0-99 cows, Custer National Forest (Ft. Crook), Southeast Montana, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																													
Production:							Cash costs--Continued																																																																																																																																																																																																																																																			
Bred cows 1/	Head	53	--	--	--	--	Protein supplement 5/	Ton	--	--	--	--	--																																																																																																																																																																																																																																													
Annual cow loss	Head	1	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																													
Cows culled	Head	8	--	--	--	--	Other feed	Ton	--	--	--	--	--																																																																																																																																																																																																																																													
Calves born alive	Head	48	--	--	--	--	Salt and mineral	Cwt	18.6	--	4.27	79	1.49																																																																																																																																																																																																																																													
Calves lost birth to weaning	Head	3	--	--	--	--	Veterinary & medicine	Dol	--	--	--	233	4.40																																																																																																																																																																																																																																													
Steer calves weaned	Head	45	--	--	--	--	Hired trucking	Dol	--	--	--	96	1.81																																																																																																																																																																																																																																													
Sold as weaners	Head	22	--	--	--	--	Marketing 6/	Dol	--	--	--	182	3.43																																																																																																																																																																																																																																													
Lost after weaning	Head	22	--	--	--	--	General overhead 7/	Dol	--	--	--	1,461	27.57																																																																																																																																																																																																																																													
Sold as yearlings	Head	--	--	--	--	--	Hired labor	Hrs	115.0	--	4.00	460	8.68																																																																																																																																																																																																																																													
Heifer calves weaned	Head	23	--	--	--	--	Fuel and lubricants	Dol	--	--	--	1,098	20.72																																																																																																																																																																																																																																													
Sold as weaners	Head	13	--	--	--	--	Repairs	Dol	--	--	--	834	15.74																																																																																																																																																																																																																																													
Lost after weaning	Head	--	--	--	--	--	Taxes 8/	Dol	--	--	--	932	17.58																																																																																																																																																																																																																																													
Sold as yearlings	Head	1	--	--	--	--	Insurance	Dol	--	--	--	310	5.85																																																																																																																																																																																																																																													
Kept for herd replacement 2/	Head	9	--	--	--	--	Interest on operating capital 9/	Dol	3,841.2	--	.15	569	10.74																																																																																																																																																																																																																																													
Bulls	Head	2	--	--	--	--	Total cash costs	Dol	--	--	--	9,123	172.13																																																																																																																																																																																																																																													
Sales:							Other costs:																																																																																																																																																																																																																																																			
Steer calves	Head	22	420	67.24	6,213	--	Family labor 10/	Hrs	523.0	--	4.00	2,092	39.47																																																																																																																																																																																																																																													
Heifer calves	Head	13	380	59.42	2,935	--	Capital replacement 11/	Dol	--	--	--	2,652	50.04																																																																																																																																																																																																																																													
Yearling steers	Head	--	--	--	--	--	Interest on investment other than land 13/	Dol	--	--	--	5,779	109.04																																																																																																																																																																																																																																													
Yearling heifers	Head	1	700	57.10	400	--	Interest on land 13/	Dol	--	--	--	30,555	576.51																																																																																																																																																																																																																																													
Cull cows	Head	8	1,000	35.05	2,804	--	Total other costs	Dol	--	--	--	41,078	775.06																																																																																																																																																																																																																																													
Total sales	Head	--	--	--	12,352	233.06	Total all costs	Dol	--	--	--	50,201	947.19																																																																																																																																																																																																																																													
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																			
Federal grazing fees 3/	AM	351.0	--	1.86	653	12.32	Return above cash costs:	Dol	--	--	--	3,229	60.92																																																																																																																																																																																																																																													
Private pasture lease	AUM	--	--	--	--	--	Return above cash costs:	Dol	--	--	--	1,137	21.45																																																																																																																																																																																																																																													
Other pasture lease 4/	AUM	--	--	--	--	--	and family labor	Dol	--	--	--	--	--																																																																																																																																																																																																																																													
State land lease	AUM	--	--	--	--	--	Return to total investment 14/	Dol	--	--	--	-1,515	-28.58																																																																																																																																																																																																																																													
Irrigated pasture	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-7,294	-137.62																																																																																																																																																																																																																																													
Hay produced	Ton	55.4	--	33.59	1,861	35.11																																																																																																																																																																																																																																																				
Hay purchased	Ton	6.2	--	57.33	355	6.70																																																																																																																																																																																																																																																				
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td colspan="14">Feed source:</td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>11.0</td> <td>10.0</td> <td>--</td> <td>--</td> <td>24.0</td> <td>37.0</td> <td>33.0</td> <td>36.0</td> <td>63.0</td> <td>25.0</td> <td>12.0</td> <td>9.0</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>13.0</td> <td>13.0</td> <td>13.0</td> <td>13.0</td> <td>13.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>13.0</td> <td>13.0</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>31.5</td> <td>35.0</td> <td>41.4</td> <td>37.5</td> <td>42.2</td> <td>--</td> <td>--</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>35.0</td> <td>29.0</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>11.1</td> <td>12.3</td> <td>16.9</td> <td>18.3</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>3.0</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td colspan="14">Marketing month:</td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>22</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>13</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>1</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>8</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:														National Forest 16/	AM	11.0	10.0	--	--	24.0	37.0	33.0	36.0	63.0	25.0	12.0	9.0	Bureau of Land Management 16/	AM	13.0	13.0	13.0	13.0	13.0	--	--	--	--	13.0	13.0	Pasture rent/lease 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--	Deeded rangeland 17/	AUM	--	--	--	--	31.5	35.0	41.4	37.5	42.2	--	--	Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	35.0	29.0	Hay	Ton	11.1	12.3	16.9	18.3	--	--	--	--	--	--	3.0	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--	Marketing month:														Steer calves	Head	--	--	--	--	--	--	--	--	--	22	--	Heifer calves	Head	--	--	--	--	--	--	--	--	--	13	--	Yearling steers	Head	--	--	--	--	--	--	--	--	--	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	--	--	1	--	Cull cows	Head	--	--	--	--	--	--	--	--	--	8	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																														
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National Forest 16/	AM	11.0	10.0	--	--	24.0	37.0	33.0	36.0	63.0	25.0	12.0	9.0																																																																																																																																																																																																																																													
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Hay	Ton	11.1	12.3	16.9	18.3	--	--	--	--	--	--	3.0																																																																																																																																																																																																																																														
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																														
Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																														
Marketing month:																																																																																																																																																																																																																																																										
Steer calves	Head	--	--	--	--	--	--	--	--	--	22	--																																																																																																																																																																																																																																														
Heifer calves	Head	--	--	--	--	--	--	--	--	--	13	--																																																																																																																																																																																																																																														
Yearling steers	Head	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																														
Yearling heifers	Head	--	--	--	--	--	--	--	--	--	1	--																																																																																																																																																																																																																																														
Cull cows	Head	--	--	--	--	--	--	--	--	--	8	--																																																																																																																																																																																																																																														

Table 17--Beef cow enterprises with 400 or more cows, Custer National Forest (Ft. Crook), Southeast Montana, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																																										
Production:							Cash costs--Continued																																																																																																																																																																																																																																																																
Bred cows 1/	Head	725	--	--	--	--	Protein supplement 5/	Ton	55.0	--	241.00	13,255	18.28																																																																																																																																																																																																																																																										
Annual cow loss	Head	15	--	--	--	--	Feeder steers				--	--	--																																																																																																																																																																																																																																																										
Cows culled	Head	113	--	--	--	--	Miscellaneous	Ton			--	--	--																																																																																																																																																																																																																																																										
Calves born alive	Head	660	--	--	--	--	Salt and mineral	Cwt	255.2		4.27	1,090	1.50																																																																																																																																																																																																																																																										
Calves lost birth to weaning	Head	46	--	--	--	--	Veterinary & medicine	Dol			--	2,890	3.99																																																																																																																																																																																																																																																										
Steer calves weaned	Head	307	--	--	--	--	Hired trucking	Dol			--	2,329	3.21																																																																																																																																																																																																																																																										
Sold as weaners	Head	180	--	--	--	--	Marketing 6/	Dol			--	3,203	4.42																																																																																																																																																																																																																																																										
Lost after weaning	Head	7	--	--	--	--	General overhead 7/	Dol			--	507	0.70																																																																																																																																																																																																																																																										
Sold as yearlings	Head	120	--	--	--	--	Hired labor	Hrs	3,961.0		4.00	15,844	21.85																																																																																																																																																																																																																																																										
Heifer calves weaned	Head	307	--	--	--	--	Fuel and lubricants	Dol			--	8,835	12.19																																																																																																																																																																																																																																																										
Sold as weaners	Head	85	--	--	--	--	Repairs	Dol			--	10,393	14.34																																																																																																																																																																																																																																																										
Lost after weaning	Head	4	--	--	--	--	Taxes 8/	Dol			--	10,466	14.44																																																																																																																																																																																																																																																										
Sold as yearlings	Head	90	--	--	--	--	Insurance	Dol			--	4,093	5.65																																																																																																																																																																																																																																																										
Kept for herd replacement 2/	Head	128	--	--	--	--	Interest on operating capital 9/	Dol	51,332.0		0.15	7,597	10.48																																																																																																																																																																																																																																																										
Bulls	Head	36	--	--	--	--	Total cash costs	Dol			--	117,437	161.98																																																																																																																																																																																																																																																										
Sales:							Other costs:																																																																																																																																																																																																																																																																
Steer calves	Head	180	420	67.24	50,833	--	Family labor 10/	Hrs	1,617.0		4.00	6,468	8.92																																																																																																																																																																																																																																																										
Heifer calves	Head	85	380	59.42	19,193	--	Capital replacement 11/	Dol			--	38,438	53.02																																																																																																																																																																																																																																																										
Yearling steers	Head	120	750	65.12	58,608	--	Interest on investment other than land 13/	Dol			--	75,555	101.21																																																																																																																																																																																																																																																										
Yearling heifers	Head	90	675	60.85	36,966	--	Interest on land 13/	Dol			--	345,170	476.10																																																																																																																																																																																																																																																										
Cull cows	Head	113	1,000	35.05	39,607	--	Total other costs	Dol			--	465,631	642.25																																																																																																																																																																																																																																																										
Total sales	Head	--	--	--	205,207	283.04	Total all costs	Dol			--	583,068	804.23																																																																																																																																																																																																																																																										
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																																
Federal grazing fees 3/	AM	4,836.0	--	1.86	8,995	12.41	Return above cash costs and family labor	Dol			--	87,770	121.06																																																																																																																																																																																																																																																										
Private pasture lease	AUM	729.1	--	8.90	6,489	8.95	Return to total investment 14/	Dol			--	42,864	59.12																																																																																																																																																																																																																																																										
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	Dol			--	-32,691	-49.09																																																																																																																																																																																																																																																										
State land lease	AUM	1,089.0	--	4.08	4,443	6.13																																																																																																																																																																																																																																																																	
Irrigated pasture	AUM	--	--	--	--	--																																																																																																																																																																																																																																																																	
Hay produced	Ton	425.6	--	33.59	14,296	19.72																																																																																																																																																																																																																																																																	
Hay purchased	Ton	47.3	--	57.33	2,712	3.74																																																																																																																																																																																																																																																																	
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td>Feed source:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>129.0</td> <td>112.0</td> <td>90.0</td> <td>23.0</td> <td>55.0</td> <td>125.0</td> <td>133.0</td> <td>140.0</td> <td>165.0</td> <td>179.0</td> <td>148.0</td> <td>131.0</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>121.0</td> <td>121.0</td> <td>41.0</td> <td>121.0</td> <td>328.0</td> <td>461.0</td> <td>461.0</td> <td>461.0</td> <td>461.0</td> <td>501.0</td> <td>208.0</td> <td>121.0</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>185.1</td> <td>145.8</td> <td>100.0</td> <td>101.0</td> <td>102.3</td> <td>94.8</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>277.6</td> <td>218.7</td> <td>145.5</td> <td>151.6</td> <td>153.5</td> <td>142.1</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>209.2</td> <td>247.9</td> <td>384.3</td> <td>462.7</td> <td>364.5</td> <td>239.5</td> <td>252.6</td> <td>255.8</td> <td>236.9</td> <td>111.8</td> <td>100.0</td> <td>100.0</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>448.9</td> <td>270.0</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>121.0</td> <td>134.6</td> <td>145.4</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>71.9</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>11.0</td> <td>11.0</td> <td>11.0</td> <td>11.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>11.0</td> </tr> <tr> <td colspan="14">Marketing month:</td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>180.0</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>85.0</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>120.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>61.0</td> <td>--</td> <td>--</td> <td>29.0</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>113.0</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:													National Forest 16/	AM	129.0	112.0	90.0	23.0	55.0	125.0	133.0	140.0	165.0	179.0	148.0	131.0	Bureau of Land Management 16/	AM	121.0	121.0	41.0	121.0	328.0	461.0	461.0	461.0	461.0	501.0	208.0	121.0	Pasture rent/lease 17/	AUM	--	--	--	185.1	145.8	100.0	101.0	102.3	94.8	--	--	--	State land lease	AUM	--	--	--	277.6	218.7	145.5	151.6	153.5	142.1	--	--	--	Deeded rangeland 17/	AUM	209.2	247.9	384.3	462.7	364.5	239.5	252.6	255.8	236.9	111.8	100.0	100.0	Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	--	448.9	270.0	Hay	Ton	121.0	134.6	145.4	--	--	--	--	--	--	--	--	71.9	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	11.0	11.0	11.0	11.0	--	--	--	--	--	--	--	11.0	Marketing month:														Steer calves	Head	--	--	--	--	--	--	--	--	--	--	180.0	--	Heifer calves	Head	--	--	--	--	--	--	--	--	--	--	85.0	--	Yearling steers	Head	--	--	--	--	--	--	--	--	120.0	--	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	61.0	--	--	29.0	--	Cull cows	Head	--	--	--	--	--	--	--	--	--	--	113.0	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																																											
Feed source:																																																																																																																																																																																																																																																																							
National Forest 16/	AM	129.0	112.0	90.0	23.0	55.0	125.0	133.0	140.0	165.0	179.0	148.0	131.0																																																																																																																																																																																																																																																										
Bureau of Land Management 16/	AM	121.0	121.0	41.0	121.0	328.0	461.0	461.0	461.0	461.0	501.0	208.0	121.0																																																																																																																																																																																																																																																										
Pasture rent/lease 17/	AUM	--	--	--	185.1	145.8	100.0	101.0	102.3	94.8	--	--	--																																																																																																																																																																																																																																																										
State land lease	AUM	--	--	--	277.6	218.7	145.5	151.6	153.5	142.1	--	--	--																																																																																																																																																																																																																																																										
Deeded rangeland 17/	AUM	209.2	247.9	384.3	462.7	364.5	239.5	252.6	255.8	236.9	111.8	100.0	100.0																																																																																																																																																																																																																																																										
Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																										
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	--	448.9	270.0																																																																																																																																																																																																																																																										
Hay	Ton	121.0	134.6	145.4	--	--	--	--	--	--	--	--	71.9																																																																																																																																																																																																																																																										
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																										
Protein supplement	Ton	11.0	11.0	11.0	11.0	--	--	--	--	--	--	--	11.0																																																																																																																																																																																																																																																										
Marketing month:																																																																																																																																																																																																																																																																							
Steer calves	Head	--	--	--	--	--	--	--	--	--	--	180.0	--																																																																																																																																																																																																																																																										
Heifer calves	Head	--	--	--	--	--	--	--	--	--	--	85.0	--																																																																																																																																																																																																																																																										
Yearling steers	Head	--	--	--	--	--	--	--	--	120.0	--	--	--																																																																																																																																																																																																																																																										
Yearling heifers	Head	--	--	--	--	--	--	--	61.0	--	--	29.0	--																																																																																																																																																																																																																																																										
Cull cows	Head	--	--	--	--	--	--	--	--	--	--	113.0	--																																																																																																																																																																																																																																																										

Table 18--Beef cow enterprises of 0-99 cows, Deerlodge National Forest, Southwest Montana, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																												
Production:							Cash costs--Continued																																																																																																																																																																																																																																																		
Bred cows <u>1/</u>	Head	54	--	--	--	--	Protein supplement <u>5/</u>	Ton	--	--	--	--	--																																																																																																																																																																																																																																												
Annual cow loss	Head	1	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																												
Cows culled	Head	10	--	--	--	--	Other feed	Ton	--	--	--	--	--																																																																																																																																																																																																																																												
Calves born alive	Head	52	--	--	--	--	Salt and mineral	Cwt	18.9	--	4.27	81	1.50																																																																																																																																																																																																																																												
Calves lost birth to weaning	Head	5	--	--	--	--	Veterinary & medicine	Dol	--	--	--	489	9.06																																																																																																																																																																																																																																												
Steer calves weaned	Head	23	--	--	--	--	Hired trucking	Dol	--	--	--	98	1.81																																																																																																																																																																																																																																												
Sold as weaners	Head	8	--	--	--	--	Marketing <u>6/</u>	Dol	--	--	--	303	5.61																																																																																																																																																																																																																																												
Lost after weaning	Head	--	--	--	--	--	General overhead <u>7/</u>	Dol	--	--	--	72	1.33																																																																																																																																																																																																																																												
Sold as yearlings	Head	15	--	--	--	--	Hired labor	Hrs	107.0	--	4.00	428	7.93																																																																																																																																																																																																																																												
Heifer calves weaned	Head	24	--	--	--	--	Fuel and lubricants	Dol	--	--	--	1,293	23.95																																																																																																																																																																																																																																												
Sold as weaners	Head	6	--	--	--	--	Repairs	Dol	--	--	--	832	15.41																																																																																																																																																																																																																																												
Lost after weaning	Head	--	--	--	--	--	Taxes <u>8/</u>	Dol	--	--	--	1,013	18.76																																																																																																																																																																																																																																												
Sold as yearlings	Head	7	--	--	--	--	Insurance	Dol	--	--	--	320	5.93																																																																																																																																																																																																																																												
Kept for herd replacement <u>2/</u>	Head	11	--	--	--	--	Interest on operating capital <u>9/</u>	Dol	3,950.8	--	0.15	585	10.83																																																																																																																																																																																																																																												
Bulls	Head	3	--	--	--	--	Total cash costs	Dol	--	--	--	12,031	222.80																																																																																																																																																																																																																																												
Sales:							Other costs:																																																																																																																																																																																																																																																		
Steer calves	Head	8	500	65.40	2,616	--	Family labor <u>10/</u>	Hrs	1,080.0	--	4.00	4,320	80.00																																																																																																																																																																																																																																												
Heifer calves	Head	6	450	58.24	1,572	--	Capital replacement <u>11/</u>	Dol	--	--	--	2,390	44.26																																																																																																																																																																																																																																												
Yearling steers	Head	15	775	65.12	7,570	--	Interest on investment other than land <u>13/</u>	Dol	--	--	--	5,568	103.11																																																																																																																																																																																																																																												
Yearling heifers	Head	7	713	60.85	3,037	--	Interest on land <u>13/</u>	Dol	--	--	--	35,690	660.93																																																																																																																																																																																																																																												
Cull cows	Head	10	1,050	34.20	3,591	--	Total other costs	Dol	--	--	--	47,968	888.30																																																																																																																																																																																																																																												
Total sales	Head	--	--	--	18,386	340.48	Total all costs	Dol	--	--	--	59,999	1,111.09																																																																																																																																																																																																																																												
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																		
Federal grazing fees <u>3/</u>	AM	144.0	--	1.86	268	4.96	Return above cash costs: and family labor	Dol	--	--	--	6,355	117.69																																																																																																																																																																																																																																												
Private pasture lease	AUM	118.3	--	8.90	1,053	19.50	Return to total investment <u>14/</u>	Dol	--	--	--	-355	-6.57																																																																																																																																																																																																																																												
Other pasture lease <u>4/</u>	AUM	--	--	--	--	--	Return to land <u>15/</u>	Dol	--	--	--	-5,923	-109.69																																																																																																																																																																																																																																												
State land lease	AUM	10.4	--	3.78	39	.73																																																																																																																																																																																																																																																			
Irrigated pasture	AUM	77.8	--	4.77	371	6.87																																																																																																																																																																																																																																																			
Hay produced	Ton	119.8	--	33.59	4,024	74.52																																																																																																																																																																																																																																																			
Hay purchased	Ton	13.3	--	57.33	762	14.12																																																																																																																																																																																																																																																			
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td colspan="14">Feed source:</td> </tr> <tr> <td>National Forest <u>16/</u></td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>15.0</td> <td>36.0</td> <td>36.0</td> <td>31.0</td> <td>9.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management <u>16/</u></td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>2.0</td> <td>4.0</td> <td>3.0</td> <td>3.0</td> <td>3.0</td> <td>2.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Pasture rent/lease <u>17/</u></td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>21.4</td> <td>22.2</td> <td>22.4</td> <td>21.8</td> <td>16.0</td> <td>7.2</td> <td>7.3</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>2.1</td> <td>2.2</td> <td>2.2</td> <td>2.3</td> <td>1.6</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland <u>17/</u></td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>22.3</td> <td>39.9</td> <td>13.5</td> <td>14.1</td> <td>22.5</td> <td>35.5</td> <td>64.8</td> <td>29.2</td> </tr> <tr> <td>Irrigated pasture <u>17/</u></td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>16.0</td> <td>16.7</td> <td>16.8</td> <td>16.3</td> <td>12.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue <u>17/</u></td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>21.9</td> <td>24.0</td> <td>25.8</td> <td>27.8</td> <td>22.6</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>11.0</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td colspan="14">Marketing month:</td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>8</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>6</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>15</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>7</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>10</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:														National Forest <u>16/</u>	AM	--	--	--	--	15.0	36.0	36.0	31.0	9.0	--	--	Bureau of Land Management <u>16/</u>	AM	--	--	--	2.0	4.0	3.0	3.0	3.0	2.0	--	--	Pasture rent/lease <u>17/</u>	AUM	--	--	--	--	21.4	22.2	22.4	21.8	16.0	7.2	7.3	State land lease	AUM	--	--	--	--	2.1	2.2	2.2	2.3	1.6	--	--	Deeded rangeland <u>17/</u>	AUM	--	--	--	22.3	39.9	13.5	14.1	22.5	35.5	64.8	29.2	Irrigated pasture <u>17/</u>	AUM	--	--	--	--	16.0	16.7	16.8	16.3	12.0	--	--	Crop residue <u>17/</u>	AUM	--	--	--	--	--	--	--	--	--	--	--	Hay	Ton	21.9	24.0	25.8	27.8	22.6	--	--	--	--	--	11.0	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--	Marketing month:														Steer calves	Head	--	--	--	--	--	--	--	--	--	8	--	Heifer calves	Head	--	--	--	--	--	--	--	--	--	6	--	Yearling steers	Head	--	--	--	--	--	--	--	15	--	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	7	--	--	--	Cull cows	Head	--	--	--	--	--	--	--	--	--	--	10
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																													
Feed source:																																																																																																																																																																																																																																																									
National Forest <u>16/</u>	AM	--	--	--	--	15.0	36.0	36.0	31.0	9.0	--	--																																																																																																																																																																																																																																													
Bureau of Land Management <u>16/</u>	AM	--	--	--	2.0	4.0	3.0	3.0	3.0	2.0	--	--																																																																																																																																																																																																																																													
Pasture rent/lease <u>17/</u>	AUM	--	--	--	--	21.4	22.2	22.4	21.8	16.0	7.2	7.3																																																																																																																																																																																																																																													
State land lease	AUM	--	--	--	--	2.1	2.2	2.2	2.3	1.6	--	--																																																																																																																																																																																																																																													
Deeded rangeland <u>17/</u>	AUM	--	--	--	22.3	39.9	13.5	14.1	22.5	35.5	64.8	29.2																																																																																																																																																																																																																																													
Irrigated pasture <u>17/</u>	AUM	--	--	--	--	16.0	16.7	16.8	16.3	12.0	--	--																																																																																																																																																																																																																																													
Crop residue <u>17/</u>	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Hay	Ton	21.9	24.0	25.8	27.8	22.6	--	--	--	--	--	11.0																																																																																																																																																																																																																																													
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Marketing month:																																																																																																																																																																																																																																																									
Steer calves	Head	--	--	--	--	--	--	--	--	--	8	--																																																																																																																																																																																																																																													
Heifer calves	Head	--	--	--	--	--	--	--	--	--	6	--																																																																																																																																																																																																																																													
Yearling steers	Head	--	--	--	--	--	--	--	15	--	--	--																																																																																																																																																																																																																																													
Yearling heifers	Head	--	--	--	--	--	--	--	7	--	--	--																																																																																																																																																																																																																																													
Cull cows	Head	--	--	--	--	--	--	--	--	--	--	10																																																																																																																																																																																																																																													

Table 19--Beef cow enterprises with 100-399 cows, Deerlodge National Forest, Southwest Montana, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																												
Production:							Cash costs--Continued:																																																																																																																																																																																																																																																		
Bred cows <u>1/</u>	Head	219	--	--	--	--	Protein supplement <u>5/</u>	Ton	--	--	--	--	--																																																																																																																																																																																																																																												
Annual cow loss	Head	4	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																												
Cows culled	Head	40	--	--	--	--	Other feed	Ton	--	--	--	--	--																																																																																																																																																																																																																																												
Calves born alive	Head	215	--	--	--	--	Salt and mineral	Cwt	76.0	--	4.27	325	1.48																																																																																																																																																																																																																																												
Calves lost birth to weaning	Head	21	--	--	--	--	Veterinary & medicine	Dol	--	--	--	2,100	9.59																																																																																																																																																																																																																																												
Steer calves weaned	Head	97	--	--	--	--	Hired trucking	Dol	--	--	--	318	1.45																																																																																																																																																																																																																																												
Sold as weaners	Head	34	--	--	--	--	Marketing <u>6/</u>	Dol	--	--	--	1,021	4.66																																																																																																																																																																																																																																												
Lost after weaning	Head	--	--	--	--	--	General overhead <u>7/</u>	Dol	--	--	--	2,404	10.98																																																																																																																																																																																																																																												
Sold as yearlings	Head	63	--	--	--	--	Hired labor	Hrs	955.0	--	4.00	3,820	17.44																																																																																																																																																																																																																																												
Heifer calves weaned	Head	97	--	--	--	--	Fuel and lubricants	Dol	--	--	--	2,980	13.61																																																																																																																																																																																																																																												
Sold as weaners	Head	26	--	--	--	--	Repairs	Dol	--	--	--	2,406	10.99																																																																																																																																																																																																																																												
Lost after weaning	Head	2	--	--	--	--	Taxes <u>8/</u>	Dol	--	--	--	2,752	12.57																																																																																																																																																																																																																																												
Sold as yearlings	Head	25	--	--	--	--	Insurance	Dol	--	--	--	1,071	4.89																																																																																																																																																																																																																																												
Kept for herd replacement <u>2/</u>	Head	44	--	--	--	--	Interest on operating capital <u>9/</u>	Dol	15,954.9	--	0.15	2,361	10.78																																																																																																																																																																																																																																												
Bulls	Head	9	--	--	--	--	Total cash costs	Dol	--	--	--	47,246	215.74																																																																																																																																																																																																																																												
Sales:							Other costs:																																																																																																																																																																																																																																																		
Steer calves	Head	34	500	65.40	11,118	--	Family labor <u>10/</u>	Hrs	3,035.0	--	4.00	12,140	55.43																																																																																																																																																																																																																																												
Heifer calves	Head	26	450	58.24	6,814	--	Capital replacement <u>11/</u>	Dol	--	--	--	6,321	28.86																																																																																																																																																																																																																																												
Yearling steers	Head	63	775	65.12	31,795	--	Interest on investment other than land <u>13/</u>	Dol	--	--	--	19,998	91.32																																																																																																																																																																																																																																												
Yearling heifers	Head	25	713	60.85	10,847	--	Interest on land <u>13/</u>	Dol	--	--	--	98,754	450.93																																																																																																																																																																																																																																												
Cull cows	Head	40	1,050	34.20	14,364	--	Total other costs	Dol	--	--	--	137,213	626.54																																																																																																																																																																																																																																												
Total sales	Head	--	--	--	74,938	342.18	Total all costs	Dol	--	--	--	184,459	842.28																																																																																																																																																																																																																																												
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																		
Federal grazing fees <u>3/</u>	AM	453.0	--	1.86	843	3.85	Return above cash costs and family labor	Dol	--	--	--	15,552	71.01																																																																																																																																																																																																																																												
Private pasture lease	AUM	469.5	--	8.90	4,179	19.08	Return to total investment <u>14/</u>	Dol	--	--	--	9,231	42.15																																																																																																																																																																																																																																												
Other pasture lease <u>4/</u>	AUM	--	--	--	--	--	Return to land <u>15/</u>	Dol	--	--	--	-10,767	-49.16																																																																																																																																																																																																																																												
State land lease	AUM	41.2	--	3.78	156	0.71																																																																																																																																																																																																																																																			
Irrigated pasture	AUM	309.2	--	4.77	1,475	6.74																																																																																																																																																																																																																																																			
Hay produced	Ton	476.4	--	33.59	16,002	73.07																																																																																																																																																																																																																																																			
Hay purchased	Ton	52.9	--	57.33	3,033	13.85																																																																																																																																																																																																																																																			
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td colspan="14">Feed source:</td> </tr> <tr> <td>National Forest <u>16/</u></td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>37.0</td> <td>101.0</td> <td>102.0</td> <td>96.0</td> <td>20.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management <u>16/</u></td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>5.0</td> <td>23.0</td> <td>20.0</td> <td>19.0</td> <td>19.0</td> <td>11.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Pasture rent/lease <u>17/</u></td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>85.2</td> <td>88.0</td> <td>89.2</td> <td>86.2</td> <td>63.6</td> <td>28.3</td> <td>29.0</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>8.5</td> <td>8.8</td> <td>8.9</td> <td>8.6</td> <td>6.4</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland <u>17/</u></td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>92.7</td> <td>181.6</td> <td>102.2</td> <td>106.0</td> <td>115.3</td> <td>158.2</td> <td>254.7</td> <td>116.0</td> </tr> <tr> <td>Irrigated pasture <u>17/</u></td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>63.9</td> <td>66.0</td> <td>66.9</td> <td>64.7</td> <td>47.7</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue <u>17/</u></td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>87.1</td> <td>95.8</td> <td>102.4</td> <td>110.8</td> <td>89.7</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>43.5</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td colspan="14">Marketing month:</td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>34.0</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>26.0</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>32.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>31.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>13.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>12.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>40.0</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:														National Forest <u>16/</u>	AM	--	--	--	--	37.0	101.0	102.0	96.0	20.0	--	--	Bureau of Land Management <u>16/</u>	AM	--	--	--	5.0	23.0	20.0	19.0	19.0	11.0	--	--	Pasture rent/lease <u>17/</u>	AUM	--	--	--	--	85.2	88.0	89.2	86.2	63.6	28.3	29.0	State land lease	AUM	--	--	--	--	8.5	8.8	8.9	8.6	6.4	--	--	Deeded rangeland <u>17/</u>	AUM	--	--	--	92.7	181.6	102.2	106.0	115.3	158.2	254.7	116.0	Irrigated pasture <u>17/</u>	AUM	--	--	--	--	63.9	66.0	66.9	64.7	47.7	--	--	Crop residue <u>17/</u>	AUM	--	--	--	--	--	--	--	--	--	--	--	Hay	Ton	87.1	95.8	102.4	110.8	89.7	--	--	--	--	--	43.5	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--	Marketing month:														Steer calves	Head	--	--	--	--	--	--	--	--	--	34.0	--	Heifer calves	Head	--	--	--	--	--	--	--	--	--	26.0	--	Yearling steers	Head	--	--	32.0	--	--	--	--	31.0	--	--	--	Yearling heifers	Head	--	--	13.0	--	--	--	--	12.0	--	--	--	Cull cows	Head	--	--	--	--	--	--	--	--	--	--	40.0
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																													
Feed source:																																																																																																																																																																																																																																																									
National Forest <u>16/</u>	AM	--	--	--	--	37.0	101.0	102.0	96.0	20.0	--	--																																																																																																																																																																																																																																													
Bureau of Land Management <u>16/</u>	AM	--	--	--	5.0	23.0	20.0	19.0	19.0	11.0	--	--																																																																																																																																																																																																																																													
Pasture rent/lease <u>17/</u>	AUM	--	--	--	--	85.2	88.0	89.2	86.2	63.6	28.3	29.0																																																																																																																																																																																																																																													
State land lease	AUM	--	--	--	--	8.5	8.8	8.9	8.6	6.4	--	--																																																																																																																																																																																																																																													
Deeded rangeland <u>17/</u>	AUM	--	--	--	92.7	181.6	102.2	106.0	115.3	158.2	254.7	116.0																																																																																																																																																																																																																																													
Irrigated pasture <u>17/</u>	AUM	--	--	--	--	63.9	66.0	66.9	64.7	47.7	--	--																																																																																																																																																																																																																																													
Crop residue <u>17/</u>	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Hay	Ton	87.1	95.8	102.4	110.8	89.7	--	--	--	--	--	43.5																																																																																																																																																																																																																																													
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Marketing month:																																																																																																																																																																																																																																																									
Steer calves	Head	--	--	--	--	--	--	--	--	--	34.0	--																																																																																																																																																																																																																																													
Heifer calves	Head	--	--	--	--	--	--	--	--	--	26.0	--																																																																																																																																																																																																																																													
Yearling steers	Head	--	--	32.0	--	--	--	--	31.0	--	--	--																																																																																																																																																																																																																																													
Yearling heifers	Head	--	--	13.0	--	--	--	--	12.0	--	--	--																																																																																																																																																																																																																																													
Cull cows	Head	--	--	--	--	--	--	--	--	--	--	40.0																																																																																																																																																																																																																																													

Table 20--Beef cow enterprises of 400-799 cows, Deerlodge National Forest, Southwest Montana, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																											
Production:							Cash costs--Continued																																																																																																																																																																																																																																																	
Bred cows 1/	Head	546	--	--	--	--	Protein supplement 5/	Ton	--	--	--	--	--																																																																																																																																																																																																																																											
Annual cow loss	Head	11	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																											
Cows culled	Head	98	--	--	--	--	Other feed	Ton	--	--	--	--	--																																																																																																																																																																																																																																											
Calves born alive	Head	535	--	--	--	--	Salt and mineral	Cwt	191.0	--	4.27	816	1.49																																																																																																																																																																																																																																											
Calves lost birth to weaning	Head	54	--	--	--	--	Veterinary & medicine	Dol	--	--	--	3,757	6.88																																																																																																																																																																																																																																											
Steer calves weaned	Head	240	--	--	--	--	Hired trucking	Dol	--	--	--	1,556	2.85																																																																																																																																																																																																																																											
Sold as weaners	Head	85	--	--	--	--	Marketing 6/	Dol	--	--	--	1,411	2.58																																																																																																																																																																																																																																											
Lost after weaning	Head	3	--	--	--	--	General overhead 7/	Dol	--	--	--	5,301	9.71																																																																																																																																																																																																																																											
Sold as yearlings	Head	152	--	--	--	--	Hired labor	Hrs	2,770.0	--	4.00	11,080	20.29																																																																																																																																																																																																																																											
Heifer calves weaned	Head	241	--	--	--	--	Fuel and lubricants	Dol	--	--	--	7,846	14.37																																																																																																																																																																																																																																											
Sold as weaners	Head	65	--	--	--	--	Repairs	Dol	--	--	--	7,405	13.56																																																																																																																																																																																																																																											
Lost after weaning	Head	1	--	--	--	--	Taxes 8/	Dol	--	--	--	8,119	14.87																																																																																																																																																																																																																																											
Sold as yearlings	Head	66	--	--	--	--	Insurance	Dol	--	--	--	2,708	4.96																																																																																																																																																																																																																																											
Kept for herd replacement 2/	Head	109	--	--	--	--	Interest on operating capital 9/	Dol	40,075.4	--	0.15	5,931	10.86																																																																																																																																																																																																																																											
Bulls	Head	22	--	--	--	--	Total cash costs	Dol	--	--	--	119,869	219.54																																																																																																																																																																																																																																											
Sales:							Other costs:																																																																																																																																																																																																																																																	
Steer calves	Head	85	500	65.40	27,795	--	Family labor 10/	Hrs	1,977.0	--	4.00	7,908	14.48																																																																																																																																																																																																																																											
Heifer calves	Head	65	450	58.24	17,035	--	Capital replacement 11/	Dol	--	--	--	17,016	31.16																																																																																																																																																																																																																																											
Yearling steers	Head	152	775	65.12	76,711	--	Interest on investment other than land 13/	Dol	--	--	--	51,179	93.73																																																																																																																																																																																																																																											
Yearling heifers	Head	66	713	60.85	28,635	--	Interest on land 13/	Dol	--	--	--	289,890	530.93																																																																																																																																																																																																																																											
Cull cows	Head	98	1,050	35.05	36,066	--	Total other costs	Dol	--	--	--	365,993	670.32																																																																																																																																																																																																																																											
Total sales	Head	--	--	--	186,242	341.10	Total all costs	Dol	--	--	--	485,862	889.86																																																																																																																																																																																																																																											
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																	
Federal grazing fees 3/	AM	1,094.0	--	1.86	2,035	3.73	Return above cash costs and family labor	Dol	--	--	--	66,373	121.56																																																																																																																																																																																																																																											
Private pasture lease	AUM	1,169.7	--	8.90	10,410	19.07	Return above cash costs	Dol	--	--	--	58,465	107.08																																																																																																																																																																																																																																											
Other pasture lease 4/	AUM	--	--	--	--	--	Return to total investment 14/	Dol	--	--	--	41,449	75.91																																																																																																																																																																																																																																											
State land lease	AUM	102.7	--	3.78	388	0.71	Return to land 15/	Dol	--	--	--	-9,730	-17.82																																																																																																																																																																																																																																											
Irrigated pasture	AUM	770.1	--	4.77	3,673	6.73																																																																																																																																																																																																																																																		
Hay produced	Ton	1,187.0	--	33.59	39,871	73.02																																																																																																																																																																																																																																																		
Hay purchased	Ton	131.9	--	57.33	7,562	13.85																																																																																																																																																																																																																																																		
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td>Feed source:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>51.0</td> <td>147.0</td> <td>157.0</td> <td>148.0</td> <td>45.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>27.0</td> <td>87.0</td> <td>112.0</td> <td>113.0</td> <td>111.0</td> <td>58.0</td> <td>22.0</td> <td>16.0</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>212.4</td> <td>219.0</td> <td>222.4</td> <td>214.6</td> <td>158.4</td> <td>70.6</td> <td>72.3</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>21.2</td> <td>21.9</td> <td>22.2</td> <td>21.5</td> <td>15.9</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>211.1</td> <td>469.4</td> <td>315.3</td> <td>310.0</td> <td>324.1</td> <td>343.2</td> <td>599.3</td> <td>258.7</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>159.3</td> <td>164.3</td> <td>166.8</td> <td>161.0</td> <td>118.7</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>15.8</td> <td>14.1</td> <td>14.5</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>217.1</td> <td>238.8</td> <td>255.0</td> <td>276.2</td> <td>223.2</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>108.6</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td colspan="14">Marketing month:</td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>85</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>65</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>19</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>133</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>26</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>19</td> <td>--</td> <td>21</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>98</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:													National Forest 16/	AM	--	--	--	--	51.0	147.0	157.0	148.0	45.0	--	--	Bureau of Land Management 16/	AM	--	--	--	27.0	87.0	112.0	113.0	111.0	58.0	22.0	16.0	Pasture rent/lease 17/	AUM	--	--	--	--	212.4	219.0	222.4	214.6	158.4	70.6	72.3	State land lease	AUM	--	--	--	--	21.2	21.9	22.2	21.5	15.9	--	--	Deeded rangeland 17/	AUM	--	--	--	211.1	469.4	315.3	310.0	324.1	343.2	599.3	258.7	Irrigated pasture 17/	AUM	--	--	--	--	159.3	164.3	166.8	161.0	118.7	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	15.8	14.1	14.5	Hay	Ton	217.1	238.8	255.0	276.2	223.2	--	--	--	--	--	108.6	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--	Marketing month:														Steer calves	Head	--	--	--	--	--	--	--	--	--	85	--	Heifer calves	Head	--	--	--	--	--	--	--	--	--	65	--	Yearling steers	Head	--	--	19	--	--	--	--	133	--	--	--	Yearling heifers	Head	--	--	26	--	--	--	--	19	--	21	--	Cull cows	Head	--	--	--	--	--	--	--	--	--	98	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																												
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Bureau of Land Management 16/	AM	--	--	--	27.0	87.0	112.0	113.0	111.0	58.0	22.0	16.0																																																																																																																																																																																																																																												
Pasture rent/lease 17/	AUM	--	--	--	--	212.4	219.0	222.4	214.6	158.4	70.6	72.3																																																																																																																																																																																																																																												
State land lease	AUM	--	--	--	--	21.2	21.9	22.2	21.5	15.9	--	--																																																																																																																																																																																																																																												
Deeded rangeland 17/	AUM	--	--	--	211.1	469.4	315.3	310.0	324.1	343.2	599.3	258.7																																																																																																																																																																																																																																												
Irrigated pasture 17/	AUM	--	--	--	--	159.3	164.3	166.8	161.0	118.7	--	--																																																																																																																																																																																																																																												
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	15.8	14.1	14.5																																																																																																																																																																																																																																												
Hay	Ton	217.1	238.8	255.0	276.2	223.2	--	--	--	--	--	108.6																																																																																																																																																																																																																																												
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																												
Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																												
Marketing month:																																																																																																																																																																																																																																																								
Steer calves	Head	--	--	--	--	--	--	--	--	--	85	--																																																																																																																																																																																																																																												
Heifer calves	Head	--	--	--	--	--	--	--	--	--	65	--																																																																																																																																																																																																																																												
Yearling steers	Head	--	--	19	--	--	--	--	133	--	--	--																																																																																																																																																																																																																																												
Yearling heifers	Head	--	--	26	--	--	--	--	19	--	21	--																																																																																																																																																																																																																																												
Cull cows	Head	--	--	--	--	--	--	--	--	--	98	--																																																																																																																																																																																																																																												

Table 21--Beef cow enterprises with 800 or more cows, Deerlodge National Forest, South-West Montana, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																										
Production:							Cash costs--Continued																																																																																																																																																																																																																																																
Bred cows 1/	Head	2,117	--	--	--	--	Protein supplement 5/	Ton	--	--	--	--	--																																																																																																																																																																																																																																										
Annual cow loss	Head	42	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																										
Cows culled	Head	381	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--																																																																																																																																																																																																																																										
Calves born alive	Head	2,075	--	--	--	--	Salt and mineral	Cwt	741.0	--	4.27	3,164	1.49																																																																																																																																																																																																																																										
Calves lost birth to weaning	Head	207	--	--	--	--	Veterinary & medicine	Dol	--	--	--	14,570	6.88																																																																																																																																																																																																																																										
Steer calves weaned	Head	934	--	--	--	--	Hired trucking	Dol	--	--	--	6,036	2.85																																																																																																																																																																																																																																										
Sold as weaners	Head	327	--	--	--	--	Marketing 6/	Dol	--	--	--	5,471	2.58																																																																																																																																																																																																																																										
Lost after weaning	Head	12	--	--	--	--	General overhead 7/	Dol	--	--	--	19,134	9.04																																																																																																																																																																																																																																										
Sold as yearlings	Head	595	--	--	--	--	Hired labor	Hrs	10,352.0	--	4.00	41,408	19.56																																																																																																																																																																																																																																										
Heifer calves weaned	Head	934	--	--	--	--	Fuel and lubricants	Dol	--	--	--	22,992	10.86																																																																																																																																																																																																																																										
Sold as weaners	Head	255	--	--	--	--	Repairs	Dol	--	--	--	23,810	11.25																																																																																																																																																																																																																																										
Lost after weaning	Head	5	--	--	--	--	Taxes 8/	Dol	--	--	--	24,816	11.72																																																																																																																																																																																																																																										
Sold as yearlings	Head	251	--	--	--	--	Insurance	Dol	--	--	--	10,345	4.89																																																																																																																																																																																																																																										
Kept for herd replacement 2/	Head	423	--	--	--	--	Interest on operating capital 9/	Dol	148,688.0	--	0.15	22,006	10.39																																																																																																																																																																																																																																										
Bulls	Head	85	--	--	--	--	Total cash costs	Dol	--	--	--	433,807	204.92																																																																																																																																																																																																																																										
Sales:							Other costs:																																																																																																																																																																																																																																																
Steer calves	Head	327	500	65.40	106,929	--	Family labor 10/	Hrs	7,664.00	--	4.00	30,656	14.48																																																																																																																																																																																																																																										
Heifer calves	Head	255	450	58.24	66,830	--	Capital replacement 11/	Dol	--	--	--	55,107	26.03																																																																																																																																																																																																																																										
Yearling steers	Head	595	775	65.12	300,285	--	Interest on investment other than land 13/	Dol	--	--	--	191,288	90.36																																																																																																																																																																																																																																										
Yearling heifers	Head	251	713	60.85	108,899	--	Interest on land 13/	Dol	--	--	--	879,318	415.36																																																																																																																																																																																																																																										
Cull cows	Head	381	1,050	34.20	136,817	--	Total other costs	Dol	--	--	--	-1,156,369	546.23																																																																																																																																																																																																																																										
Total sales	Head	--	--	--	719,760	339.99	Total all costs	Dol	--	--	--	-1,590,176	751.15																																																																																																																																																																																																																																										
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																
Federal grazing fees 3/	AM	1,334.0	--	1.86	2,481	1.17	and family labor	Dol	--	--	--	255,297	120.59																																																																																																																																																																																																																																										
Private pasture lease	AUM	4,534.8	--	8.90	40,360	19.06	Return to total	Dol	--	--	--	200,190	94.56																																																																																																																																																																																																																																										
Other pasture lease 4/	AUM	--	--	--	--	--	investment 14/	Dol	--	--	--	8,902	4.21																																																																																																																																																																																																																																										
State land lease	AUM	398.1	--	3.78	1,505	.71	Return to land 15/	Dol	--	--	--	--	--																																																																																																																																																																																																																																										
Irrigated pasture	AUM	2,985.8	--	4.77	14,242	6.73																																																																																																																																																																																																																																																	
Hay produced	Ton	4,694.8	--	33.59	157,698	74.49																																																																																																																																																																																																																																																	
Hay purchased	Ton	414.6	--	57.33	23,769	11.23																																																																																																																																																																																																																																																	
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td>Feed source:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>61.0</td> <td>185.0</td> <td>186.0</td> <td>189.0</td> <td>44.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>49.0</td> <td>148.0</td> <td>148.0</td> <td>148.0</td> <td>148.0</td> <td>28.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>823.4</td> <td>849.2</td> <td>862.0</td> <td>832.4</td> <td>614.0</td> <td>273.7</td> <td>280.1</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>82.3</td> <td>84.9</td> <td>86.3</td> <td>83.2</td> <td>61.4</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>893.8</td> <td>2,291.5</td> <td>2,193.4</td> <td>2,232.3</td> <td>2,164.3</td> <td>1,774.7</td> <td>2,408.6</td> <td>1,064.4</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>617.6</td> <td>636.9</td> <td>646.5</td> <td>624.3</td> <td>460.5</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>61.4</td> <td>--</td> <td>54.7</td> <td>56.0</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>841.1</td> <td>924.3</td> <td>987.7</td> <td>1,070.6</td> <td>865.1</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>420.6</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Marketing month:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>327.0</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>255.0</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>76</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>519.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>85</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>71.0</td> <td>--</td> <td>--</td> <td>95.0</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>381.0</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:													National Forest 16/	AM	--	--	--	--	61.0	185.0	186.0	189.0	44.0	--	--	Bureau of Land Management 16/	AM	--	--	--	49.0	148.0	148.0	148.0	148.0	28.0	--	--	Pasture rent/lease 17/	AUM	--	--	--	--	823.4	849.2	862.0	832.4	614.0	273.7	280.1	State land lease	AUM	--	--	--	--	82.3	84.9	86.3	83.2	61.4	--	--	Deeded rangeland 17/	AUM	--	--	--	893.8	2,291.5	2,193.4	2,232.3	2,164.3	1,774.7	2,408.6	1,064.4	Irrigated pasture 17/	AUM	--	--	--	--	617.6	636.9	646.5	624.3	460.5	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	61.4	--	54.7	56.0	Hay	Ton	841.1	924.3	987.7	1,070.6	865.1	--	--	--	--	--	420.6	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--	Marketing month:													Steer calves	Head	--	--	--	--	--	--	--	--	--	327.0	--	Heifer calves	Head	--	--	--	--	--	--	--	--	--	255.0	--	Yearling steers	Head	--	--	76	--	--	--	--	519.0	--	--	--	Yearling heifers	Head	--	--	85	--	--	--	--	71.0	--	--	95.0	Cull cows	Head	--	--	--	--	--	--	--	--	--	--	381.0
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																											
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National Forest 16/	AM	--	--	--	--	61.0	185.0	186.0	189.0	44.0	--	--																																																																																																																																																																																																																																											
Bureau of Land Management 16/	AM	--	--	--	49.0	148.0	148.0	148.0	148.0	28.0	--	--																																																																																																																																																																																																																																											
Pasture rent/lease 17/	AUM	--	--	--	--	823.4	849.2	862.0	832.4	614.0	273.7	280.1																																																																																																																																																																																																																																											
State land lease	AUM	--	--	--	--	82.3	84.9	86.3	83.2	61.4	--	--																																																																																																																																																																																																																																											
Deeded rangeland 17/	AUM	--	--	--	893.8	2,291.5	2,193.4	2,232.3	2,164.3	1,774.7	2,408.6	1,064.4																																																																																																																																																																																																																																											
Irrigated pasture 17/	AUM	--	--	--	--	617.6	636.9	646.5	624.3	460.5	--	--																																																																																																																																																																																																																																											
Crop residue 17/	AUM	--	--	--	--	--	--	--	61.4	--	54.7	56.0																																																																																																																																																																																																																																											
Hay	Ton	841.1	924.3	987.7	1,070.6	865.1	--	--	--	--	--	420.6																																																																																																																																																																																																																																											
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Marketing month:																																																																																																																																																																																																																																																							
Steer calves	Head	--	--	--	--	--	--	--	--	--	327.0	--																																																																																																																																																																																																																																											
Heifer calves	Head	--	--	--	--	--	--	--	--	--	255.0	--																																																																																																																																																																																																																																											
Yearling steers	Head	--	--	76	--	--	--	--	519.0	--	--	--																																																																																																																																																																																																																																											
Yearling heifers	Head	--	--	85	--	--	--	--	71.0	--	--	95.0																																																																																																																																																																																																																																											
Cull cows	Head	--	--	--	--	--	--	--	--	--	--	381.0																																																																																																																																																																																																																																											

Table 22--Beef cow enterprises with up to 99 cows, Flathead National Forest, Northwestern Montana, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																										
Production:							Cash costs--Continued																																																																																																																																																																																																																																																
Bred cows 1/	Head	51	--	--	--	--	Protein supplement 5/	Ton	3.8	--	241.00	916	17.96																																																																																																																																																																																																																																										
Annual cow loss	Head	1	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																										
Cows culled	Head	7	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--																																																																																																																																																																																																																																										
Calves born alive	Head	48	--	--	--	--	Salt and mineral	Cwt	17.8	--	4.27	76	1.49																																																																																																																																																																																																																																										
Calves lost birth to weaning	Head	2	--	--	--	--	Veterinary & medicine	Dol	--	--	--	377	7.39																																																																																																																																																																																																																																										
Steer calves weaned	Head	23	--	--	--	--	Hired trucking	Dol	--	--	--	230	4.51																																																																																																																																																																																																																																										
Sold as weaners	Head	15	--	--	--	--	Marketing 6/	Dol	--	--	--	96	1.88																																																																																																																																																																																																																																										
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	Dol	--	--	--	878	17.22																																																																																																																																																																																																																																										
Sold as yearlings	Head	8	--	--	--	--	Hired labor	Hrs	253.0	--	4.00	1,012	19.84																																																																																																																																																																																																																																										
Heifer calves weaned	Head	23	--	--	--	--	Fuel and lubricants	Dol	--	--	--	1,222	23.96																																																																																																																																																																																																																																										
Sold as weaners	Head	8	--	--	--	--	Repairs	Dol	--	--	--	1,551	30.41																																																																																																																																																																																																																																										
Lost after weaning	Head	--	--	--	--	--	Taxes 8/	Dol	--	--	--	614	12.04																																																																																																																																																																																																																																										
Sold as yearlings	Head	7	--	--	--	--	Insurance	Dol	--	--	--	304	5.96																																																																																																																																																																																																																																										
Kept for herd replacement 2/	Head	8	--	--	--	--	Interest on operating capital 9/	Dol	6,920.7	--	0.15	1,024	20.08																																																																																																																																																																																																																																										
Bulls	Head	2	--	--	--	--	Total cash costs	Dol	--	--	--	12,889	252.73																																																																																																																																																																																																																																										
Sales:							Other costs:																																																																																																																																																																																																																																																
Steer calves	Head	15	525	65.40	5,150	--	Family labor 10/	Hrs	757.0	--	4.00	3,028	59.37																																																																																																																																																																																																																																										
Heifer calves	Head	8	490	58.24	2,283	--	Capital replacement 11/	Dol	--	--	--	3,237	63.47																																																																																																																																																																																																																																										
Yearling steers	Head	8	700	65.12	3,647	--	Interest on investment other than land 13/	Dol	--	--	--	6,301	123.55																																																																																																																																																																																																																																										
Yearling heifers	Head	7	655	60.85	2,790	--	Interest on land 13/	Dol	--	--	--	17,203	337.31																																																																																																																																																																																																																																										
Cull cows	Head	7	1,100	37.71	2,904	--	Total other costs	Dol	--	--	--	29,769	583.71																																																																																																																																																																																																																																										
Total sales	Head	--	--	--	16,774	328.90	Total all costs	Dol	--	--	--	42,658	836.43																																																																																																																																																																																																																																										
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																
Federal grazing fees 3/	AM	185.0	--	1.86	344	6.75	Return above cash costs and family labor investment 14/	Dol	--	--	--	3,885	76.18																																																																																																																																																																																																																																										
Private pasture lease	AUM	50.2	--	8.90	447	8.76	Return to land 15/	Dol	--	--	--	857	16.80																																																																																																																																																																																																																																										
Other pasture lease 4/	AUM	--	--	--	--	--					--	--	--																																																																																																																																																																																																																																										
State land lease	AUM	12.7	--	3.92	50	.98					--	--	--																																																																																																																																																																																																																																										
Irrigated pasture	AUM	--	--	--	--	--					--	--	--																																																																																																																																																																																																																																										
Hay produced	Ton	85.8	--	33.59	2,882	56.51					--	--	-2,380	-46.67																																																																																																																																																																																																																																									
Hay purchased	Ton	15.1	--	57.33	866	16.98					--	--	-8,681	-170.22																																																																																																																																																																																																																																									
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td>Feed source:</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>38.0</td> <td>49.0</td> <td>49.0</td> <td>49.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>17.4</td> <td>7.5</td> <td>4.8</td> <td>5.0</td> <td>4.9</td> <td>10.6</td> <td>--</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>4.4</td> <td>1.9</td> <td>1.2</td> <td>1.3</td> <td>1.2</td> <td>2.7</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>65.3</td> <td>28.0</td> <td>18.0</td> <td>18.7</td> <td>18.5</td> <td>39.8</td> <td>45.0</td> <td>--</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>21.0</td> <td>16.0</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>18.0</td> <td>19.8</td> <td>21.3</td> <td>23.8</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>18.0</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>0.8</td> <td>0.8</td> <td>0.8</td> <td>0.6</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>0.8</td> </tr> <tr> <td>Marketing month:</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>15.0</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>8.0</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>8.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>5.0</td> <td>2.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>7.0</td> <td>--</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:													National Forest 16/	AM	--	--	--	--	38.0	49.0	49.0	49.0	--	--	--	Bureau of Land Management 16/	AM	--	--	--	--	--	--	--	--	--	--	--	Pasture rent/lease 17/	AUM	--	--	--	17.4	7.5	4.8	5.0	4.9	10.6	--	--	State land lease	AUM	--	--	--	4.4	1.9	1.2	1.3	1.2	2.7	--	--	Deeded rangeland 17/	AUM	--	--	--	65.3	28.0	18.0	18.7	18.5	39.8	45.0	--	Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	21.0	16.0	--	Hay	Ton	18.0	19.8	21.3	23.8	--	--	--	--	--	--	18.0	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	0.8	0.8	0.8	0.6	--	--	--	--	--	--	0.8	Marketing month:													Steer calves	Head	--	--	--	--	--	--	--	--	--	15.0	--	Heifer calves	Head	--	--	--	--	--	--	--	--	--	8.0	--	Yearling steers	Head	--	--	--	--	--	--	--	8.0	--	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	5.0	2.0	--	--	Cull cows	Head	--	--	--	--	--	--	--	--	7.0	--	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																											
Feed source:																																																																																																																																																																																																																																																							
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Bureau of Land Management 16/	AM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Pasture rent/lease 17/	AUM	--	--	--	17.4	7.5	4.8	5.0	4.9	10.6	--	--																																																																																																																																																																																																																																											
State land lease	AUM	--	--	--	4.4	1.9	1.2	1.3	1.2	2.7	--	--																																																																																																																																																																																																																																											
Deeded rangeland 17/	AUM	--	--	--	65.3	28.0	18.0	18.7	18.5	39.8	45.0	--																																																																																																																																																																																																																																											
Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	21.0	16.0	--																																																																																																																																																																																																																																											
Hay	Ton	18.0	19.8	21.3	23.8	--	--	--	--	--	--	18.0																																																																																																																																																																																																																																											
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Protein supplement	Ton	0.8	0.8	0.8	0.6	--	--	--	--	--	--	0.8																																																																																																																																																																																																																																											
Marketing month:																																																																																																																																																																																																																																																							
Steer calves	Head	--	--	--	--	--	--	--	--	--	15.0	--																																																																																																																																																																																																																																											
Heifer calves	Head	--	--	--	--	--	--	--	--	--	8.0	--																																																																																																																																																																																																																																											
Yearling steers	Head	--	--	--	--	--	--	--	8.0	--	--	--																																																																																																																																																																																																																																											
Yearling heifers	Head	--	--	--	--	--	--	--	5.0	2.0	--	--																																																																																																																																																																																																																																											
Cull cows	Head	--	--	--	--	--	--	--	--	7.0	--	--																																																																																																																																																																																																																																											

Table 23--Beef cow enterprises with 100 or more cows, Flathead National Forest, Northwestern Montana, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																										
Production:							Cash costs--Continued																																																																																																																																																																																																																																																
Bred cows 1/	Head	272	--	--	--	--	Protein supplement 5/	Ton	16.3	--	241.00	3,928	14.44																																																																																																																																																																																																																																										
Annual cow loss	Head	3	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																										
Cows culled	Head	34	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--																																																																																																																																																																																																																																										
Calves born alive	Head	258	--	--	--	--	Salt and mineral	Cwt	95.2	--	4.27	407	1.50																																																																																																																																																																																																																																										
Calves lost birth to weaning	Head	13	--	--	--	--	Veterinary & medicine	Dol	--	--	--	1,742	6.40																																																																																																																																																																																																																																										
Steer calves weaned	Head	122	--	--	--	--	Hired trucking	Dol	--	--	--	1,226	4.51																																																																																																																																																																																																																																										
Sold as weaners	Head	86	--	--	--	--	Marketing 6/	Dol	--	--	--	595	2.19																																																																																																																																																																																																																																										
Lost after weaning	Head	1	--	--	--	--	General overhead 7/	Dol	--	--	--	3,387	12.45																																																																																																																																																																																																																																										
Sold as yearlings	Head	35	--	--	--	--	Hired labor	Hrs	1,237.0	--	4.00	4,948	18.19																																																																																																																																																																																																																																										
Heifer calves weaned	Head	123	--	--	--	--	Fuel and lubricants	Dol	--	--	--	3,453	12.69																																																																																																																																																																																																																																										
Sold as weaners	Head	41	--	--	--	--	Repairs	Dol	--	--	--	3,270	12.02																																																																																																																																																																																																																																										
Lost after weaning	Head	2	--	--	--	--	Taxes 8/	Dol	--	--	--	1,921	7.06																																																																																																																																																																																																																																										
Sold as yearlings	Head	43	--	--	--	--	Insurance	Dol	--	--	--	1,354	4.98																																																																																																																																																																																																																																										
Kept for herd replacement 2/	Head	37	--	--	--	--	Interest on operating capital 9/	Dol	27,882.3	--	0.15	4,127	15.17																																																																																																																																																																																																																																										
Bulls	Head	10	--	--	--	--	Total cash costs	Dol	--	--	--	55,250	203.13																																																																																																																																																																																																																																										
Sales:							Other costs:																																																																																																																																																																																																																																																
Steer calves	Head	86	525	65.40	29,528	--	Family labor 10/	Hrs	1,238.0	--	4.00	4,952	18.21																																																																																																																																																																																																																																										
Heifer calves	Head	41	490	58.24	11,700	--	Capital replacement 11/	Dol	--	--	--	8,630	31.73																																																																																																																																																																																																																																										
Yearling steers	Head	35	700	65.95	16,158	--	Interest on investment other than land 13/	Dol	--	--	--	25,556	93.96																																																																																																																																																																																																																																										
Yearling heifers	Head	43	655	60.85	17,138	--	Interest on land 13/	Dol	--	--	--	60,308	221.72																																																																																																																																																																																																																																										
Cull cows	Head	34	1,100	37.71	14,104	--	Total other costs	Dol	--	--	--	99,446	365.61																																																																																																																																																																																																																																										
Total sales	Head	--	--	--	88,628	325.84	Total all costs	Dol	--	--	--	154,696	568.74																																																																																																																																																																																																																																										
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																
Federal grazing fees 3/	AM	458.0	--	1.86	852	3.13	Return above cash costs and family labor	Dol	--	--	--	33,378	122.71																																																																																																																																																																																																																																										
Private pasture lease	AUM	401.6	--	8.90	3,574	13.14	Return to total investment 14/	Dol	--	--	--	19,796	72.78																																																																																																																																																																																																																																										
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-5,760	-21.18																																																																																																																																																																																																																																										
State land lease	AUM	90.0	--	3.92	353	1.30																																																																																																																																																																																																																																																	
Irrigated pasture	AUM	--	--	--	--	--																																																																																																																																																																																																																																																	
Hay produced	Ton	460.2	--	33.59	15,458	56.83																																																																																																																																																																																																																																																	
Hay purchased	Ton	81.2	--	57.33	4,655	17.11																																																																																																																																																																																																																																																	
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td>Feed source:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>83.0</td> <td>131.0</td> <td>131.0</td> <td>113.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>93.0</td> <td>74.8</td> <td>62.9</td> <td>63.9</td> <td>65.1</td> <td>41.9</td> <td>--</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>23.3</td> <td>18.7</td> <td>15.7</td> <td>16.0</td> <td>16.3</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>348.8</td> <td>280.6</td> <td>235.9</td> <td>239.6</td> <td>244.0</td> <td>209.6</td> <td>210.0</td> <td>--</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>142.5</td> <td>111.4</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>95.2</td> <td>105.1</td> <td>116.4</td> <td>129.5</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>95.2</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>4.1</td> <td>4.1</td> <td>2.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>2.0</td> <td>4.1</td> </tr> <tr> <td>Marketing month:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>86.0</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>41.0</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>35.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>35.0</td> <td>8.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>34.0</td> <td>--</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:													National Forest 16/	AM	--	--	--	--	83.0	131.0	131.0	113.0	--	--	--	Bureau of Land Management 16/	AM	--	--	--	--	--	--	--	--	--	--	--	Pasture rent/lease 17/	AUM	--	--	--	93.0	74.8	62.9	63.9	65.1	41.9	--	--	State land lease	AUM	--	--	--	23.3	18.7	15.7	16.0	16.3	--	--	--	Deeded rangeland 17/	AUM	--	--	--	348.8	280.6	235.9	239.6	244.0	209.6	210.0	--	Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	142.5	111.4	--	Hay	Ton	95.2	105.1	116.4	129.5	--	--	--	--	--	--	95.2	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	4.1	4.1	2.0	--	--	--	--	--	--	2.0	4.1	Marketing month:													Steer calves	Head	--	--	--	--	--	--	--	--	--	86.0	--	Heifer calves	Head	--	--	--	--	--	--	--	--	--	41.0	--	Yearling steers	Head	--	--	--	--	--	--	--	35.0	--	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	35.0	8.0	--	--	Cull cows	Head	--	--	--	--	--	--	--	--	34.0	--	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																											
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Pasture rent/lease 17/	AUM	--	--	--	93.0	74.8	62.9	63.9	65.1	41.9	--	--																																																																																																																																																																																																																																											
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Crop residue 17/	AUM	--	--	--	--	--	--	--	--	142.5	111.4	--																																																																																																																																																																																																																																											
Hay	Ton	95.2	105.1	116.4	129.5	--	--	--	--	--	--	95.2																																																																																																																																																																																																																																											
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Protein supplement	Ton	4.1	4.1	2.0	--	--	--	--	--	--	2.0	4.1																																																																																																																																																																																																																																											
Marketing month:																																																																																																																																																																																																																																																							
Steer calves	Head	--	--	--	--	--	--	--	--	--	86.0	--																																																																																																																																																																																																																																											
Heifer calves	Head	--	--	--	--	--	--	--	--	--	41.0	--																																																																																																																																																																																																																																											
Yearling steers	Head	--	--	--	--	--	--	--	35.0	--	--	--																																																																																																																																																																																																																																											
Yearling heifers	Head	--	--	--	--	--	--	--	35.0	8.0	--	--																																																																																																																																																																																																																																											
Cull cows	Head	--	--	--	--	--	--	--	--	34.0	--	--																																																																																																																																																																																																																																											

Table 24--Beef cow enterprises of 0-99 cows, Gallatin National Forest, South Central Montana, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																										
Production:							Cash costs--Continued																																																																																																																																																																																																																																																
Bred cows 1/	Head	58	--	--	--	--	Protein supplement 5/	Ton	--	--	--	--	--																																																																																																																																																																																																																																										
Annual cow loss	Head	1	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																										
Cows culled	Head	7	--	--	--	--	Other feed	Ton	--	--	--	--	--																																																																																																																																																																																																																																										
Calves born alive	Head	52	--	--	--	--	Salt and mineral	Cwt	20.3	--	4.27	87	1.50																																																																																																																																																																																																																																										
Calves lost birth to weaning	Head	3	--	--	--	--	Veterinary & medicine	Dol	--	--	--	437	7.53																																																																																																																																																																																																																																										
Steer calves weaned	Head	24	--	--	--	--	Hired trucking	Dol	--	--	--	267	4.60																																																																																																																																																																																																																																										
Sold as weaners	Head	17	--	--	--	--	Marketing 6/	Dol	--	--	--	111	1.91																																																																																																																																																																																																																																										
Lost after weaning	Head	1	--	--	--	--	General overhead 7/	Dol	--	--	--	996	17.17																																																																																																																																																																																																																																										
Sold as yearlings	Head	6	--	--	--	--	Hired labor	Hrs	287.7	--	4.00	1,151	19.84																																																																																																																																																																																																																																										
Heifer calves weaned	Head	25	--	--	--	--	Fuel and lubricants	Dol	--	--	--	1,409	24.29																																																																																																																																																																																																																																										
Sold as weaners	Head	13	--	--	--	--	Repairs	Dol	--	--	--	2,244	38.69																																																																																																																																																																																																																																										
Lost after weaning	Head	2	--	--	--	--	Taxes 8/	Dol	--	--	--	764	13.17																																																																																																																																																																																																																																										
Sold as yearlings	Head	2	--	--	--	--	Insurance	Dol	--	--	--	340	5.86																																																																																																																																																																																																																																										
Kept for herd replacement 2/	Head	8	--	--	--	--	Interest on operating capital 9/	Dol	6,384.7	--	0.15	945	16.29																																																																																																																																																																																																																																										
Bulls	Head	3	--	--	--	--	Total cash costs	Dol	--	--	--	14,444	249.03																																																																																																																																																																																																																																										
Sales:							Other costs:																																																																																																																																																																																																																																																
Steer calves	Head	17	435	67.24	4,972	--	Family labor 10/	Hrs	860.9	--	4.00	3,444	59.38																																																																																																																																																																																																																																										
Heifer calves	Head	13	385	59.42	2,974	--	Capital replacement 11/	Dol	--	--	--	4,727	81.50																																																																																																																																																																																																																																										
Yearling steers	Head	6	720	65.12	2,813	--	Interest on investment other than land 13/	Dol	--	--	--	7,215	124.40																																																																																																																																																																																																																																										
Yearling heifers	Head	2	680	60.85	828	--	Interest on land 13/	Dol	--	--	--	21,893	377.47																																																																																																																																																																																																																																										
Cull cows	Head	7	970	35.05	2,380	--	Total other costs	Dol	--	--	--	37,279	642.74																																																																																																																																																																																																																																										
Total sales	Head	--	--	--	13,967	240.81	Total all costs	Dol	--	--	--	51,723	891.78																																																																																																																																																																																																																																										
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																
Federal grazing fees 3/	AM	119.0	--	1.86	221	3.81	Return above cash costs and family labor	Dol	--	--	--	-3,921	-67.60																																																																																																																																																																																																																																										
Private pasture lease	AUM	127.4	--	8.90	1,134	19.55	Return to total investment 14/	Dol	--	--	--	-8,648	-149.10																																																																																																																																																																																																																																										
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-15,863	-273.50																																																																																																																																																																																																																																										
State land lease	AUM	--	--	--	--	--																																																																																																																																																																																																																																																	
Irrigated pasture	AUM	--	--	--	--	--																																																																																																																																																																																																																																																	
Hay produced	Ton	99.3	--	33.59	3,335	57.50																																																																																																																																																																																																																																																	
Hay purchased	Ton	17.5	--	57.33	1,003	17.29																																																																																																																																																																																																																																																	
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td>Feed source:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>7.0</td> <td>30.0</td> <td>34.0</td> <td>33.0</td> <td>15.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>28.8</td> <td>27.8</td> <td>18.3</td> <td>16.6</td> <td>16.5</td> <td>19.4</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>67.2</td> <td>64.9</td> <td>42.8</td> <td>38.7</td> <td>38.4</td> <td>45.2</td> <td>--</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>69.0</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>21.1</td> <td>23.2</td> <td>24.5</td> <td>26.7</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>21.3</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Marketing month:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>17</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>13</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>6</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>2</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>7</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:													National Forest 16/	AM	--	--	--	--	7.0	30.0	34.0	33.0	15.0	--	--	Bureau of Land Management 16/	AM	--	--	--	--	--	--	--	--	--	--	--	Pasture rent/lease 17/	AUM	--	--	--	--	28.8	27.8	18.3	16.6	16.5	19.4	--	State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--	Deeded rangeland 17/	AUM	--	--	--	--	67.2	64.9	42.8	38.7	38.4	45.2	--	Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	69.0	--	Hay	Ton	21.1	23.2	24.5	26.7	--	--	--	--	--	--	21.3	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--	Marketing month:													Steer calves	Head	--	--	--	--	--	--	--	--	--	17	--	Heifer calves	Head	--	--	--	--	--	--	--	--	--	13	--	Yearling steers	Head	--	--	--	--	--	--	--	6	--	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	--	--	2	--	Cull cows	Head	--	--	--	--	--	--	--	--	--	7	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																											
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State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
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Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	69.0	--																																																																																																																																																																																																																																											
Hay	Ton	21.1	23.2	24.5	26.7	--	--	--	--	--	--	21.3																																																																																																																																																																																																																																											
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Marketing month:																																																																																																																																																																																																																																																							
Steer calves	Head	--	--	--	--	--	--	--	--	--	17	--																																																																																																																																																																																																																																											
Heifer calves	Head	--	--	--	--	--	--	--	--	--	13	--																																																																																																																																																																																																																																											
Yearling steers	Head	--	--	--	--	--	--	--	6	--	--	--																																																																																																																																																																																																																																											
Yearling heifers	Head	--	--	--	--	--	--	--	--	--	2	--																																																																																																																																																																																																																																											
Cull cows	Head	--	--	--	--	--	--	--	--	--	7	--																																																																																																																																																																																																																																											

Table 25--Beef cow enterprises of 100-299 cows, Gallatin National Forest, South Central Montana, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																										
Production:							Cash costs--Continued																																																																																																																																																																																																																																																
Bred cows <u>1/</u>	Head	175	--	--	--	--	Protein supplement <u>5/</u>	Ton	--	--	--	--	--																																																																																																																																																																																																																																										
Annual cow loss	Head	4	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																										
Cows culled	Head	17	--	--	--	--	Other feed	Ton	--	--	--	--	--																																																																																																																																																																																																																																										
Calves born alive	Head	156	--	--	--	--	Salt and mineral	Cwt	61.0	--	4.27	260	1.49																																																																																																																																																																																																																																										
Calves lost birth to weaning	Head	9	--	--	--	--	Veterinary & medicine	Dol	--	--	--	1,017	5.81																																																																																																																																																																																																																																										
Steer calves weaned	Head	73	--	--	--	--	Hired trucking	Dol	--	--	--	488	2.79																																																																																																																																																																																																																																										
Sold as weaners	Head	52	--	--	--	--	Marketing <u>6/</u>	Dol	--	--	--	237	1.35																																																																																																																																																																																																																																										
Lost after weaning	Head	--	--	--	--	--	General overhead <u>7/</u>	Dol	--	--	--	2,549	14.57																																																																																																																																																																																																																																										
Sold as yearlings	Head	21	--	--	--	--	Hired labor	Hrs	1,383.0	--	4.00	5,532	31.61																																																																																																																																																																																																																																										
Heifer calves weaned	Head	74	--	--	--	--	Fuel and lubricants	Dol	--	--	--	2,675	15.29																																																																																																																																																																																																																																										
Sold as weaners	Head	41	--	--	--	--	Repairs	Dol	--	--	--	3,215	18.37																																																																																																																																																																																																																																										
Lost after weaning	Head	1	--	--	--	--	Taxes <u>8/</u>	Dol	--	--	--	2,000	11.43																																																																																																																																																																																																																																										
Sold as yearlings	Head	11	--	--	--	--	Insurance	Dol	--	--	--	896	5.12																																																																																																																																																																																																																																										
Kept for herd replacement <u>2/</u>	Head	21	--	--	--	--	Interest on operating capital <u>9/</u>	Dol	17,527.0	--	0.15	2,594	14.82																																																																																																																																																																																																																																										
Bulls	Head	8	--	--	--	--	Total cash costs	Dol	--	--	--	38,696	221.12																																																																																																																																																																																																																																										
Sales:							Other costs:																																																																																																																																																																																																																																																
Steer calves	Head	52	435	67.24	15,210	--	Family labor <u>10/</u>	Hrs	1,383.0	--	4.00	5,532	31.61																																																																																																																																																																																																																																										
Heifer calves	Head	41	385	59.42	9,379	--	Capital replacement <u>11/</u>	Dol	--	--	--	8,263	47.22																																																																																																																																																																																																																																										
Yearling steers	Head	21	720	60.85	9,201	--	Interest on investment other than land <u>13/</u>	Dol	--	--	--	17,564	100.37																																																																																																																																																																																																																																										
Yearling heifers	Head	11	680	57.28	4,285	--	Interest on land <u>13/</u>	Dol	--	--	--	65,636	375.06																																																																																																																																																																																																																																										
Cull cows	Head	17	970	35.05	5,780	--	Total other costs	Dol	--	--	--	96,995	554.26																																																																																																																																																																																																																																										
Total sales	Head	--	--	--	43,855	250.60	Total all costs	Dol	--	--	--	135,691	775.38																																																																																																																																																																																																																																										
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																
Federal grazing fees <u>3/</u>	AM	258.0	--	1.86	480	2.74	Return above cash costs and family labor	Dol	--	--	--	-373	-2.13																																																																																																																																																																																																																																										
Private pasture lease	AUM	425.3	--	8.90	3,776	21.58	Return to total investment <u>14/</u>	Dol	--	--	--	-8,636	-49.35																																																																																																																																																																																																																																										
Other pasture lease <u>4/</u>	AUM	--	--	--	--	--	Return to land <u>15/</u>	Dol	--	--	--	-26,200	-149.71																																																																																																																																																																																																																																										
State land lease	AUM	--	--	--	--	--																																																																																																																																																																																																																																																	
Irrigated pasture	AUM	--	--	--	--	--																																																																																																																																																																																																																																																	
Hay produced	Ton	296.9	--	33.59	9,973	56.99																																																																																																																																																																																																																																																	
Hay purchased	Ton	52.4	--	57.33	3,004	17.17																																																																																																																																																																																																																																																	
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td>Feed source:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>National Forest <u>16/</u></td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>15.0</td> <td>68.0</td> <td>75.0</td> <td>70.0</td> <td>30.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management <u>16/</u></td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Pasture rent/lease <u>17/</u></td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>86.4</td> <td>85.8</td> <td>64.4</td> <td>61.9</td> <td>62.6</td> <td>64.2</td> <td>--</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland <u>17/</u></td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>201.6</td> <td>200.3</td> <td>150.3</td> <td>144.5</td> <td>143.7</td> <td>149.8</td> <td>--</td> <td>--</td> </tr> <tr> <td>Irrigated pasture <u>17/</u></td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue <u>17/</u></td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>207.0</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>62.7</td> <td>69.1</td> <td>74.1</td> <td>80.2</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>62.9</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Marketing month:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>52</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>41</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>21</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>11</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>17</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:													National Forest <u>16/</u>	AM	--	--	--	--	15.0	68.0	75.0	70.0	30.0	--	--	Bureau of Land Management <u>16/</u>	AM	--	--	--	--	--	--	--	--	--	--	--	Pasture rent/lease <u>17/</u>	AUM	--	--	--	86.4	85.8	64.4	61.9	62.6	64.2	--	--	State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--	Deeded rangeland <u>17/</u>	AUM	--	--	--	201.6	200.3	150.3	144.5	143.7	149.8	--	--	Irrigated pasture <u>17/</u>	AUM	--	--	--	--	--	--	--	--	--	--	--	Crop residue <u>17/</u>	AUM	--	--	--	--	--	--	--	--	--	207.0	--	Hay	Ton	62.7	69.1	74.1	80.2	--	--	--	--	--	--	62.9	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--	Marketing month:													Steer calves	Head	--	--	--	--	--	--	--	--	--	52	--	Heifer calves	Head	--	--	--	--	--	--	--	--	--	41	--	Yearling steers	Head	--	--	--	--	--	--	--	21	--	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	11	--	--	--	Cull cows	Head	--	--	--	--	--	--	--	--	--	17	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																											
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Irrigated pasture <u>17/</u>	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Crop residue <u>17/</u>	AUM	--	--	--	--	--	--	--	--	--	207.0	--																																																																																																																																																																																																																																											
Hay	Ton	62.7	69.1	74.1	80.2	--	--	--	--	--	--	62.9																																																																																																																																																																																																																																											
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Marketing month:																																																																																																																																																																																																																																																							
Steer calves	Head	--	--	--	--	--	--	--	--	--	52	--																																																																																																																																																																																																																																											
Heifer calves	Head	--	--	--	--	--	--	--	--	--	41	--																																																																																																																																																																																																																																											
Yearling steers	Head	--	--	--	--	--	--	--	21	--	--	--																																																																																																																																																																																																																																											
Yearling heifers	Head	--	--	--	--	--	--	--	11	--	--	--																																																																																																																																																																																																																																											
Cull cows	Head	--	--	--	--	--	--	--	--	--	17	--																																																																																																																																																																																																																																											

Table 26--Beef cow enterprises of 300-599 cows, Gallatin National Forest, South Central Montana, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																										
Production:							Cash costs--Continued																																																																																																																																																																																																																																																
Bred cows 1/	Head	414	--	--	--	--	Protein supplement 5/	Ton	--	--	--	--	--																																																																																																																																																																																																																																										
Annual cow loss	Head	8	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																										
Cows culled	Head	50	--	--	--	--	Other feed	Ton	--	--	--	--	--																																																																																																																																																																																																																																										
Calves born alive	Head	368	--	--	--	--	Salt and mineral	Cwt	145.0	--	4.27	619	1.50																																																																																																																																																																																																																																										
Calves lost birth to weaning	Head	22	--	--	--	--	Veterinary & medicine	Dol	--	--	--	2,650	6.40																																																																																																																																																																																																																																										
Steer calves weaned	Head	173	--	--	--	--	Hired trucking	Dol	--	--	--	1,900	4.59																																																																																																																																																																																																																																										
Sold as weaners	Head	121	--	--	--	--	Marketing 6/	Dol	--	--	--	792	1.91																																																																																																																																																																																																																																										
Lost after weaning	Head	1	--	--	--	--	General overhead 7/	Dol	--	--	--	5,155	12.45																																																																																																																																																																																																																																										
Sold as yearlings	Head	51	--	--	--	--	Hired labor	Hrs	1,730.0	--	4.00	6,920	16.71																																																																																																																																																																																																																																										
Heifer calves weaned	Head	173	--	--	--	--	Fuel and lubricants	Dol	--	--	--	5,057	12.21																																																																																																																																																																																																																																										
Sold as weaners	Head	98	--	--	--	--	Repairs	Dol	--	--	--	5,152	12.44																																																																																																																																																																																																																																										
Lost after weaning	Head	1	--	--	--	--	Taxes 8/	Dol	--	--	--	3,892	9.40																																																																																																																																																																																																																																										
Sold as yearlings	Head	16	--	--	--	--	Insurance	Dol	--	--	--	2,054	4.96																																																																																																																																																																																																																																										
Kept for herd replacement 2/	Head	58	--	--	--	--	Interest on operating capital 9/	Dol	36,026.0	--	0.15	5,332	12.88																																																																																																																																																																																																																																										
Bulls	Head	18	--	--	--	--	Total cash costs	Dol	--	--	--	80,533	194.52																																																																																																																																																																																																																																										
Sales:							Other costs:																																																																																																																																																																																																																																																
Steer calves	Head	121	435	67.24	35,392	--	Family labor 10/	Hrs	1,731.0	--	4.00	6,924	16.72																																																																																																																																																																																																																																										
Heifer calves	Head	98	385	59.42	22,419	--	Capital replacement 11/	Dol	--	--	--	13,592	32.83																																																																																																																																																																																																																																										
Yearling steers	Head	51	720	65.12	23,912	--	Interest on investment other than land 13/	Dol	--	--	--	38,327	92.58																																																																																																																																																																																																																																										
Yearling heifers	Head	16	680	60.85	6,620	--	Interest on land 13/	Dol	--	--	--	130,156	314.39																																																																																																																																																																																																																																										
Cull cows	Head	50	970	35.05	16,999	--	Total other costs	Dol	--	--	--	188,999	456.52																																																																																																																																																																																																																																										
Total sales	Head	--	--	--	105,342	254.45	Total all costs	Dol	--	--	--	269,532	651.04																																																																																																																																																																																																																																										
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																
Federal grazing fees 3/	AM	298.0	--	1.86	554	1.34	and family labor	Dol	--	--	--	17,885	43.20																																																																																																																																																																																																																																										
Private pasture lease	AUM	763.3	--	8.90	6,793	16.41	Return to total investment 14/	Dol	--	--	--	4,293	10.37																																																																																																																																																																																																																																										
Other pasture lease 4/	AUM	1,054.1	--	3.92	4,132	9.98	Return to land 15/	Dol	--	--	--	-34,034	-82.21																																																																																																																																																																																																																																										
State land lease	AUM	--	--	--	--	--																																																																																																																																																																																																																																																	
Irrigate 1 pasture	AUM	--	--	--	--	--																																																																																																																																																																																																																																																	
Hay produced	Ton	675.7	--	33.59	22,697	54.82																																																																																																																																																																																																																																																	
Hay purchased	Ton	119.2	--	57.33	6,834	16.51																																																																																																																																																																																																																																																	
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td>Feed source:</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>5.0</td> <td>80.0</td> <td>96.0</td> <td>89.0</td> <td>28.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Pasture rent/Lease 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>137.5</td> <td>145.7</td> <td>124.4</td> <td>120.5</td> <td>116.6</td> <td>118.6</td> <td>--</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>190.0</td> <td>201.2</td> <td>171.7</td> <td>166.4</td> <td>161.0</td> <td>163.8</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>327.5</td> <td>346.9</td> <td>296.1</td> <td>286.9</td> <td>277.7</td> <td>282.3</td> <td>--</td> <td>--</td> </tr> <tr> <td>Irrigate 1 pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>472.0</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>142.9</td> <td>156.8</td> <td>169.4</td> <td>182.9</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>142.9</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Marketing month:</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>121</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>98</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>51</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>2</td> <td>--</td> <td>14</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>50</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:													National Forest 16/	AM	--	--	--	--	5.0	80.0	96.0	89.0	28.0	--	--	Bureau of Land Management 16/	AM	--	--	--	--	--	--	--	--	--	--	--	Pasture rent/Lease 17/	AUM	--	--	--	137.5	145.7	124.4	120.5	116.6	118.6	--	--	State land lease	AUM	--	--	--	190.0	201.2	171.7	166.4	161.0	163.8	--	--	Deeded rangeland 17/	AUM	--	--	--	327.5	346.9	296.1	286.9	277.7	282.3	--	--	Irrigate 1 pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	472.0	--	Hay	Ton	142.9	156.8	169.4	182.9	--	--	--	--	--	--	142.9	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--	Marketing month:													Steer calves	Head	--	--	--	--	--	--	--	--	--	121	--	Heifer calves	Head	--	--	--	--	--	--	--	--	--	98	--	Yearling steers	Head	--	--	--	--	--	--	--	51	--	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	2	--	14	--	Cull cows	Head	--	--	--	--	--	--	--	--	--	50	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																											
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Pasture rent/Lease 17/	AUM	--	--	--	137.5	145.7	124.4	120.5	116.6	118.6	--	--																																																																																																																																																																																																																																											
State land lease	AUM	--	--	--	190.0	201.2	171.7	166.4	161.0	163.8	--	--																																																																																																																																																																																																																																											
Deeded rangeland 17/	AUM	--	--	--	327.5	346.9	296.1	286.9	277.7	282.3	--	--																																																																																																																																																																																																																																											
Irrigate 1 pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
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Hay	Ton	142.9	156.8	169.4	182.9	--	--	--	--	--	--	142.9																																																																																																																																																																																																																																											
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Marketing month:																																																																																																																																																																																																																																																							
Steer calves	Head	--	--	--	--	--	--	--	--	--	121	--																																																																																																																																																																																																																																											
Heifer calves	Head	--	--	--	--	--	--	--	--	--	98	--																																																																																																																																																																																																																																											
Yearling steers	Head	--	--	--	--	--	--	--	51	--	--	--																																																																																																																																																																																																																																											
Yearling heifers	Head	--	--	--	--	--	--	--	2	--	14	--																																																																																																																																																																																																																																											
Cull cows	Head	--	--	--	--	--	--	--	--	--	50	--																																																																																																																																																																																																																																											

Table 27--Beef cow enterprises of 600 or more cows, Gallatin National Forest, South Central Montana, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																										
Production:							Cash costs--Continued																																																																																																																																																																																																																																																
Bred cows 1/	Head	2,853	--	--	--	--	Protein supplement 5/	Ton	--	--	--	--	--																																																																																																																																																																																																																																										
Annual cow loss	Head	57	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																										
Cows culled	Head	342	--	--	--	--	Other feed	Ton	--	--	--	--	--																																																																																																																																																																																																																																										
Calves born alive	Head	2,539	--	--	--	--	Salt and mineral	Cwt	999.0	--	4.27	4,266	1.50																																																																																																																																																																																																																																										
Calves lost birth to weaning	Head	152	--	--	--	--	Veterinary & medicine	Dol	--	--	--	3,820	1.34																																																																																																																																																																																																																																										
Steer calves weaned	Head	1,193	--	--	--	--	Hired trucking	Dol	--	--	--	3,689	1.29																																																																																																																																																																																																																																										
Sold as weaners	Head	836	--	--	--	--	Marketing 6/	Dol	--	--	--	1,537	0.54																																																																																																																																																																																																																																										
Lost after weaning	Head	7	--	--	--	--	General overhead 7/	Dol	--	--	--	17,981	6.30																																																																																																																																																																																																																																										
Sold as yearlings	Head	350	--	--	--	--	Hired labor	Hrs	9,978.0	--	4.00	39,912	13.99																																																																																																																																																																																																																																										
Heifer calves weaned	Head	1,194	--	--	--	--	Fuel and lubricants	Dol	--	--	--	9,517	3.34																																																																																																																																																																																																																																										
Sold as weaners	Head	675	--	--	--	--	Repairs	Dol	--	--	--	21,656	7.59																																																																																																																																																																																																																																										
Lost after weaning	Head	10	--	--	--	--	Taxes 8/	Dol	--	--	--	25,658	8.99																																																																																																																																																																																																																																										
Sold as yearlings	Head	110	--	--	--	--	Insurance	Dol	--	--	--	12,816	4.49																																																																																																																																																																																																																																										
Kept for herd replacement 2/	Head	399	--	--	--	--	Interest on operating capital 9/	Dol	229,084	--	0.15	33,904	11.88																																																																																																																																																																																																																																										
Bulls	Head	124	--	--	--	--	Total cash costs	Dol	--	--	--	492,268	172.54																																																																																																																																																																																																																																										
Sales:							Other costs:																																																																																																																																																																																																																																																
Steer calves	Head	836	435	67.24	244,525	--	Family labor 10/	Hrs	7,356.0	--	4.00	29,424	10.31																																																																																																																																																																																																																																										
Heifer calves	Head	675	385	59.42	154,418	--	Capital replacement 11/	Dol	--	--	--	62,632	21.95																																																																																																																																																																																																																																										
Yearling steers	Head	350	720	65.12	164,102	--	Interest on investment other than land 13/	Dol	--	--	--	239,547	83.96																																																																																																																																																																																																																																										
Yearling heifers	Head	110	680	58.42	43,698	--	Interest on land 13/	Dol	--	--	--	940,681	329.72																																																																																																																																																																																																																																										
Cull cows	Head	342	970	35.05	116,275	--	Total other costs	Dol	--	--	--	-1,272,284	445.95																																																																																																																																																																																																																																										
Total sales	Head	--	--	--	723,018	253.42	Total all costs	Dol	--	--	--	-1,764,552	618.49																																																																																																																																																																																																																																										
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																
Federal grazing fees 3/	AM	414.0	--	1.86	770	0.27	Return above cash costs: and family labor	Dol	--	--	--	201,326	70.57																																																																																																																																																																																																																																										
Private pasture lease	AUM	10,775.4	--	8.90	95,901	33.61	Return to total investment 14/	Dol	--	--	--	138,694	48.61																																																																																																																																																																																																																																										
Other pasture lease 4/	AUM	2,552.2	--	3.92	10,005	3.51	Return to land 15/	Dol	--	--	--	-100,853	-35.35																																																																																																																																																																																																																																										
State land lease	AUM	--	--	--	--	--																																																																																																																																																																																																																																																	
Irrigated pasture	AUM	--	--	--	--	--																																																																																																																																																																																																																																																	
Hay produced	Ton	4,823.8	--	33.59	162,031	56.79																																																																																																																																																																																																																																																	
Hay purchased	Ton	851.3	--	57.33	48,805	17.11																																																																																																																																																																																																																																																	
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td>Feed source:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>15.0</td> <td>124.0</td> <td>136.0</td> <td>113.0</td> <td>26.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Pasture rent 7/Tease 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>1,776.5</td> <td>1,893.2</td> <td>1,865.4</td> <td>1,876.2</td> <td>1,801.0</td> <td>1,563.1</td> <td>--</td> <td>--</td> </tr> <tr> <td>Other land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>420.8</td> <td>448.4</td> <td>441.8</td> <td>444.4</td> <td>426.6</td> <td>370.2</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>2,488.8</td> <td>2,740.5</td> <td>2,601.7</td> <td>2,616.8</td> <td>2,512.0</td> <td>2,180.2</td> <td>--</td> <td>--</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>3,358.0</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>1,021.6</td> <td>1,120.5</td> <td>1,206.4</td> <td>1,305.1</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>1,021.5</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Marketing month:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>836</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>675</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>350</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>20</td> <td>--</td> <td>90</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>342</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:													National Forest 16/	AM	--	--	--	--	15.0	124.0	136.0	113.0	26.0	--	--	Bureau of Land Management 16/	AM	--	--	--	--	--	--	--	--	--	--	--	Pasture rent 7/Tease 17/	AUM	--	--	--	1,776.5	1,893.2	1,865.4	1,876.2	1,801.0	1,563.1	--	--	Other land lease	AUM	--	--	--	420.8	448.4	441.8	444.4	426.6	370.2	--	--	Deeded rangeland 17/	AUM	--	--	--	2,488.8	2,740.5	2,601.7	2,616.8	2,512.0	2,180.2	--	--	Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	3,358.0	--	Hay	Ton	1,021.6	1,120.5	1,206.4	1,305.1	--	--	--	--	--	--	1,021.5	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--	Marketing month:													Steer calves	Head	--	--	--	--	--	--	--	--	--	836	--	Heifer calves	Head	--	--	--	--	--	--	--	--	--	675	--	Yearling steers	Head	--	--	--	--	--	--	--	350	--	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	20	--	90	--	Cull cows	Head	--	--	--	--	--	--	--	--	--	342	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																											
Feed source:																																																																																																																																																																																																																																																							
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Bureau of Land Management 16/	AM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Pasture rent 7/Tease 17/	AUM	--	--	--	1,776.5	1,893.2	1,865.4	1,876.2	1,801.0	1,563.1	--	--																																																																																																																																																																																																																																											
Other land lease	AUM	--	--	--	420.8	448.4	441.8	444.4	426.6	370.2	--	--																																																																																																																																																																																																																																											
Deeded rangeland 17/	AUM	--	--	--	2,488.8	2,740.5	2,601.7	2,616.8	2,512.0	2,180.2	--	--																																																																																																																																																																																																																																											
Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	3,358.0	--																																																																																																																																																																																																																																											
Hay	Ton	1,021.6	1,120.5	1,206.4	1,305.1	--	--	--	--	--	--	1,021.5																																																																																																																																																																																																																																											
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Marketing month:																																																																																																																																																																																																																																																							
Steer calves	Head	--	--	--	--	--	--	--	--	--	836	--																																																																																																																																																																																																																																											
Heifer calves	Head	--	--	--	--	--	--	--	--	--	675	--																																																																																																																																																																																																																																											
Yearling steers	Head	--	--	--	--	--	--	--	350	--	--	--																																																																																																																																																																																																																																											
Yearling heifers	Head	--	--	--	--	--	--	--	20	--	90	--																																																																																																																																																																																																																																											
Cull cows	Head	--	--	--	--	--	--	--	--	--	342	--																																																																																																																																																																																																																																											

Table 28—Beef cow enterprises with up to 99 cows, Helena National Forest, Central Montana, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																												
Production:							Cash costs--Continued																																																																																																																																																																																																																																																		
Bred cows 1/	Head	52	--	--	--	--	Protein supplement 5/	Ton	1.6	--	241.00	386	7.42																																																																																																																																																																																																																																												
Annual cow loss	Head	2	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																												
Cows culled	Head	7	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--																																																																																																																																																																																																																																												
Calves born alive	Head	47	--	--	--	--	Salt and mineral	Cwt	18.2	--	4.27	78	1.50																																																																																																																																																																																																																																												
Calves lost birth to weaning	Head	5	--	--	--	--	Veterinary & medicine	Dol	--	--	--	386	7.42																																																																																																																																																																																																																																												
Steer calves weaned	Head	21	--	--	--	--	Hired trucking	Dol	--	--	--	160	3.08																																																																																																																																																																																																																																												
Sold as weaners	Head	18	--	--	--	--	Marketing 6/	Dol	--	--	--	163	3.13																																																																																																																																																																																																																																												
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	Dol	--	--	--	896	17.23																																																																																																																																																																																																																																												
Sold as yearlings	Head	3	--	--	--	--	Hired labor	Hrs	230.0	--	4.00	920	17.69																																																																																																																																																																																																																																												
Heifer calves weaned	Head	21	--	--	--	--	Fuel and lubricants	Dol	--	--	--	1,267	24.37																																																																																																																																																																																																																																												
Sold as weaners	Head	9	--	--	--	--	Repairs	Dol	--	--	--	1,715	32.98																																																																																																																																																																																																																																												
Lost after weaning	Head	--	--	--	--	--	Taxes 8/	Dol	--	--	--	963	18.52																																																																																																																																																																																																																																												
Sold as yearlings	Head	3	--	--	--	--	Insurance	Dol	--	--	--	301	5.79																																																																																																																																																																																																																																												
Kept for herd replacement 2/	Head	9	--	--	--	--	Interest on operating capital 9/	Dol	5,635.1	--	0.15	834	16.03																																																																																																																																																																																																																																												
Bulls	Head	2	--	--	--	--	Total cash costs	Dol	--	--	--	12,792	246.00																																																																																																																																																																																																																																												
Sales:							Other costs:																																																																																																																																																																																																																																																		
Steer calves	Head	18	480	67.24	5,810	--	Family labor 10/	Hrs	691.0	--	4.00	2,764	53.15																																																																																																																																																																																																																																												
Heifer calves	Head	9	450	58.24	2,359	--	Capital replacement 11/	Dol	--	--	--	3,332	64.08																																																																																																																																																																																																																																												
Yearling steers	Head	3	750	63.39	1,426	--	Interest on investment other than land 13/	Dol	--	--	--	6,373	122.56																																																																																																																																																																																																																																												
Yearling heifers	Head	3	720	58.42	1,262	--	Interest on land 13/	Dol	--	--	--	30,736	591.08																																																																																																																																																																																																																																												
Cull cows	Head	7	1,000	34.20	2,394	--	Total other costs	Dol	--	--	--	43,205	830.87																																																																																																																																																																																																																																												
Total sales	Head	--	--	--	13,251	254.83	Total all costs	Dol	--	--	--	55,997	1076.87																																																																																																																																																																																																																																												
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																		
Federal grazing fees 3/	AM	123.0	--	1.86	229	4.40	Return above cash costs:	Dol	--	--	--	459	8.83																																																																																																																																																																																																																																												
Private pasture lease	AUM	69.8	--	8.90	621	11.94	Return above cash costs:	Dol	--	--	--	-2,305	-44.33																																																																																																																																																																																																																																												
Other pasture lease 4/	AUM	--	--	--	--	--	Return to total investment 14/	Dol	--	--	--	-5,637	-108.40																																																																																																																																																																																																																																												
State land lease	AUM	2.7	--	3.78	10	.19	Return to land 15/	Dol	--	--	--	-12,010	-230.96																																																																																																																																																																																																																																												
Irrigated pasture	AUM	21.5	--	4.77	103	1.98																																																																																																																																																																																																																																																			
Hay produced	Ton	82.3	--	35.59	2,929	56.33																																																																																																																																																																																																																																																			
Hay purchased	Ton	14.5	--	57.33	831	15.98																																																																																																																																																																																																																																																			
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td colspan="14">Feed source:</td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>17.0</td> <td>30.0</td> <td>30.0</td> <td>26.0</td> <td>6.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>4.0</td> <td>4.0</td> <td>2.0</td> <td>2.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>15.9</td> <td>12.1</td> <td>9.0</td> <td>9.3</td> <td>10.1</td> <td>--</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>.6</td> <td>.4</td> <td>.5</td> <td>.7</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>63.6</td> <td>42.8</td> <td>32.1</td> <td>32.8</td> <td>33.4</td> <td>48.2</td> <td>--</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>4.8</td> <td>3.6</td> <td>3.7</td> <td>4.1</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>14.0</td> <td>12.8</td> <td>13.0</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>17.4</td> <td>19.2</td> <td>21.8</td> <td>23.7</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>14.7</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>.8</td> <td>.8</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td colspan="14">Marketing month:</td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>18.0</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>9.0</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>3.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>2.1</td> <td>--</td> <td>1.0</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>7.0</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:														National Forest 16/	AM	--	--	--	--	17.0	30.0	30.0	26.0	6.0	--	--	Bureau of Land Management 16/	AM	--	--	--	--	4.0	4.0	2.0	2.0	--	--	--	Pasture rent/lease 17/	AUM	--	--	--	--	15.9	12.1	9.0	9.3	10.1	--	--	State land lease	AUM	--	--	--	--	--	.6	.4	.5	.7	--	--	Deeded rangeland 17/	AUM	--	--	--	--	63.6	42.8	32.1	32.8	33.4	48.2	--	Irrigated pasture 17/	AUM	--	--	--	--	--	4.8	3.6	3.7	4.1	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	14.0	12.8	13.0	Hay	Ton	17.4	19.2	21.8	23.7	--	--	--	--	--	--	14.7	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	.8	.8	--	--	--	--	--	--	--	--	--	Marketing month:														Steer calves	Head	--	--	--	--	--	--	--	--	--	18.0	--	Heifer calves	Head	--	--	--	--	--	--	--	--	--	9.0	--	Yearling steers	Head	--	--	--	--	--	--	--	--	3.0	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	--	2.1	--	1.0	Cull cows	Head	--	--	--	--	--	--	--	--	--	--	7.0
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																													
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Bureau of Land Management 16/	AM	--	--	--	--	4.0	4.0	2.0	2.0	--	--	--																																																																																																																																																																																																																																													
Pasture rent/lease 17/	AUM	--	--	--	--	15.9	12.1	9.0	9.3	10.1	--	--																																																																																																																																																																																																																																													
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Deeded rangeland 17/	AUM	--	--	--	--	63.6	42.8	32.1	32.8	33.4	48.2	--																																																																																																																																																																																																																																													
Irrigated pasture 17/	AUM	--	--	--	--	--	4.8	3.6	3.7	4.1	--	--																																																																																																																																																																																																																																													
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	14.0	12.8	13.0																																																																																																																																																																																																																																													
Hay	Ton	17.4	19.2	21.8	23.7	--	--	--	--	--	--	14.7																																																																																																																																																																																																																																													
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Protein supplement	Ton	.8	.8	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Marketing month:																																																																																																																																																																																																																																																									
Steer calves	Head	--	--	--	--	--	--	--	--	--	18.0	--																																																																																																																																																																																																																																													
Heifer calves	Head	--	--	--	--	--	--	--	--	--	9.0	--																																																																																																																																																																																																																																													
Yearling steers	Head	--	--	--	--	--	--	--	--	3.0	--	--																																																																																																																																																																																																																																													
Yearling heifers	Head	--	--	--	--	--	--	--	--	2.1	--	1.0																																																																																																																																																																																																																																													
Cull cows	Head	--	--	--	--	--	--	--	--	--	--	7.0																																																																																																																																																																																																																																													

Table 29--Beef cow enterprises of 100-399 cows, Helena National Forest, West Central Montana, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																												
Production:							Cash costs--Continued																																																																																																																																																																																																																																																		
Bred cows 1/	Head	213	--	--	--	--	Protein supplement 5/	Ton	6.0	--	241.00	1,446	6.79																																																																																																																																																																																																																																												
Annual cow loss	Head	6	--	--	--	--	Grain Corn	Bu	--	--	--	--	--																																																																																																																																																																																																																																												
Cows culled	Head	33	--	--	--	--	Other feed	Ton	--	--	--	--	--																																																																																																																																																																																																																																												
Calves born alive	Head	192	--	--	--	--	Salt and mineral	Cwt	74.6	--	4.27	319	1.50																																																																																																																																																																																																																																												
Calves lost birth to weaning	Head	18	--	--	--	--	Veterinary & medicine	Dol	--	--	--	1,223	5.74																																																																																																																																																																																																																																												
Steer calves weaned	Head	87	--	--	--	--	Hired trucking	Dol	--	--	--	463	2.17																																																																																																																																																																																																																																												
Sold as weaners	Head	74	--	--	--	--	Marketing 6/	Dol	--	--	--	475	2.23																																																																																																																																																																																																																																												
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	Dol	--	--	--	3,102	14.56																																																																																																																																																																																																																																												
Sold as yearlings	Head	13	--	--	--	--	Hired labor	Hrs	580.0	--	4.00	2,320	10.89																																																																																																																																																																																																																																												
Heifer calves weaned	Head	87	--	--	--	--	Fuel and lubricants	Dol	--	--	--	2,674	12.55																																																																																																																																																																																																																																												
Sold as weaners	Head	37	--	--	--	--	Repairs	Dol	--	--	--	2,710	12.72																																																																																																																																																																																																																																												
Lost after weaning	Head	1	--	--	--	--	Taxes 8/	Dol	--	--	--	2,228	10.46																																																																																																																																																																																																																																												
Sold as yearlings	Head	10	--	--	--	--	Insurance	Dol	--	--	--	1,035	4.86																																																																																																																																																																																																																																												
Kept for herd replacement 2/	Head	39	--	--	--	--	Interest on operating capital 9/	Dol	17,963.0	--	0.15	2,659	12.48																																																																																																																																																																																																																																												
Bulls	Head	9	--	--	--	--	Total cash costs	Dol	--	--	--	39,385	184.91																																																																																																																																																																																																																																												
Sales:							Other costs:																																																																																																																																																																																																																																																		
Steer calves	Head	74	480	67.24	23,884	--	Family labor 10/	Hrs	1,177.0	--	4.00	4,708	22.10																																																																																																																																																																																																																																												
Heifer calves	Head	37	450	58.24	9,697	--	Capital replacement 11/	Dol	--	--	--	6,904	32.41																																																																																																																																																																																																																																												
Yearling steers	Head	13	750	63.39	6,181	--	Interest on investment other than land 13/	Dol	--	--	--	19,347	90.83																																																																																																																																																																																																																																												
Yearling heifers	Head	10	720	58.42	4,206	--	Interest on land 13/	Dol	--	--	--	115,566	542.56																																																																																																																																																																																																																																												
Cull cows	Head	33	1,000	34.20	11,286	--	Total other costs	Dol	--	--	--	146,525	687.91																																																																																																																																																																																																																																												
Total sales	Head	--	--	--	55,254	259.41	Total all costs	Dol	--	--	--	185,910	872.82																																																																																																																																																																																																																																												
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																		
Federal grazing fees 3/	AM	411.0	--	1.86	764	3.59	Return above cash costs:	Dol	--	--	--	15,869	74.50																																																																																																																																																																																																																																												
Private pasture lease	AUM	311.9	--	8.90	2,776	13.03	Return above cash costs:	Dol	--	--	--	11,161	52.40																																																																																																																																																																																																																																												
Other pasture lease 4/	AUM	--	--	--	--	--	Return to total investment 14/	Dol	--	--	--	4,257	19.99																																																																																																																																																																																																																																												
State land lease	AUM	12.3	--	3.78	46	.22	Return to land 15/	Dol	--	--	--	-15,090	-70.85																																																																																																																																																																																																																																												
Irrigated pasture	AUM	98.1	--	4.77	468	2.20																																																																																																																																																																																																																																																			
Hay produced	Ton	355.9	--	33.59	11,283	52.97																																																																																																																																																																																																																																																			
Hay purchased	Ton	59.2	--	57.33	3,394	15.93																																																																																																																																																																																																																																																			
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td colspan="14">Feed source:</td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>38.0</td> <td>83.0</td> <td>84.0</td> <td>80.0</td> <td>25.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>10.0</td> <td>21.0</td> <td>23.0</td> <td>22.0</td> <td>19.0</td> <td>6.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>66.5</td> <td>57.0</td> <td>44.6</td> <td>45.2</td> <td>45.3</td> <td>53.3</td> <td>--</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>2.8</td> <td>2.2</td> <td>2.3</td> <td>2.3</td> <td>2.7</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>265.9</td> <td>202.2</td> <td>158.5</td> <td>160.5</td> <td>160.9</td> <td>133.3</td> <td>196.7</td> <td>--</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>22.8</td> <td>17.8</td> <td>18.1</td> <td>18.1</td> <td>21.3</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>56.0</td> <td>52.3</td> <td>52.9</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>70.9</td> <td>78.2</td> <td>89.5</td> <td>96.7</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>59.8</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>3.0</td> <td>3.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td colspan="14">Marketing month:</td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>74</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>37</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>13</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>6</td> <td>4</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>33</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:														National Forest 16/	AM	--	--	--	--	38.0	83.0	84.0	80.0	25.0	--	--	Bureau of Land Management 16/	AM	--	--	--	10.0	21.0	23.0	22.0	19.0	6.0	--	--	Pasture rent/lease 17/	AUM	--	--	--	66.5	57.0	44.6	45.2	45.3	53.3	--	--	State land lease	AUM	--	--	--	--	2.8	2.2	2.3	2.3	2.7	--	--	Deeded rangeland 17/	AUM	--	--	--	265.9	202.2	158.5	160.5	160.9	133.3	196.7	--	Irrigated pasture 17/	AUM	--	--	--	--	22.8	17.8	18.1	18.1	21.3	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	56.0	52.3	52.9	Hay	Ton	70.9	78.2	89.5	96.7	--	--	--	--	--	--	59.8	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	3.0	3.0	--	--	--	--	--	--	--	--	--	Marketing month:														Steer calves	Head	--	--	--	--	--	--	--	--	--	74	--	Heifer calves	Head	--	--	--	--	--	--	--	--	--	37	--	Yearling steers	Head	--	--	--	--	--	--	--	--	13	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	--	6	4	--	Cull cows	Head	--	--	--	--	--	--	--	--	--	33	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																													
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Deeded rangeland 17/	AUM	--	--	--	265.9	202.2	158.5	160.5	160.9	133.3	196.7	--																																																																																																																																																																																																																																													
Irrigated pasture 17/	AUM	--	--	--	--	22.8	17.8	18.1	18.1	21.3	--	--																																																																																																																																																																																																																																													
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	56.0	52.3	52.9																																																																																																																																																																																																																																													
Hay	Ton	70.9	78.2	89.5	96.7	--	--	--	--	--	--	59.8																																																																																																																																																																																																																																													
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Protein supplement	Ton	3.0	3.0	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
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Heifer calves	Head	--	--	--	--	--	--	--	--	--	37	--																																																																																																																																																																																																																																													
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Cull cows	Head	--	--	--	--	--	--	--	--	--	33	--																																																																																																																																																																																																																																													

Table 30—Beef cow enterprises with 400-999 cows, Helena National Forest, Central Montana, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																												
Production:							Cash costs—Continued																																																																																																																																																																																																																																																		
Bred cows 1/	Head	526	---	---	---	---	Protein supplement 5/	Ton	15.8	---	241.00	3,808	7.24																																																																																																																																																																																																																																												
Annual cow loss	Head	16	---	---	---	---	Grain	Bu	---	---	---	---	---																																																																																																																																																																																																																																												
Cows culled	Head	78	---	---	---	---	Miscellaneous	Ton	---	---	---	---	---																																																																																																																																																																																																																																												
Calves born alive	Head	473	---	---	---	---	Salt and mineral	Cwt	184.1	---	4.27	786	1.49																																																																																																																																																																																																																																												
Calves lost birth to weaning	Head	47	---	---	---	---	Veterinary & medicine	Dol	---	---	---	1,804	3.43																																																																																																																																																																																																																																												
Steer calves weaned	Head	213	---	---	---	---	Hired trucking	Dol	---	---	---	1,537	2.92																																																																																																																																																																																																																																												
Sold as weaners	Head	181	---	---	---	---	Marketing 6/	Dol	---	---	---	3,032	5.76																																																																																																																																																																																																																																												
Lost after weaning	Head	1	---	---	---	---	General overhead 7/	Dol	---	---	---	7,036	13.38																																																																																																																																																																																																																																												
Sold as yearlings	Head	31	---	---	---	---	Hired labor	Hrs	1,841.0	---	4.00	7,364	14.00																																																																																																																																																																																																																																												
Heifer calves weaned	Head	213	---	---	---	---	Fuel and lubricants	Dol	---	---	---	7,467	14.20																																																																																																																																																																																																																																												
Sold as weaners	Head	92	---	---	---	---	Repairs	Dol	---	---	---	7,087	13.47																																																																																																																																																																																																																																												
Lost after weaning	Head	2	---	---	---	---	Taxes 8/	Dol	---	---	---	7,359	13.99																																																																																																																																																																																																																																												
Sold as yearlings	Head	25	---	---	---	---	Insurance	Dol	---	---	---	2,638	5.02																																																																																																																																																																																																																																												
Kept for herd replacement 2/	Head	94	---	---	---	---	Interest on operating capital 9/	Dol	45,273.7	---	0.15	6,701	12.73																																																																																																																																																																																																																																												
Bulls	Head	23	---	---	---	---	Total cash costs	Dol	---	---	---	103,222	196.24																																																																																																																																																																																																																																												
Sales:							Other costs:																																																																																																																																																																																																																																																		
Steer calves	Head	181	480	67.24	58,418	---	Family labor 10/	Hrs	1,841.0	---	4.00	7,364	14.00																																																																																																																																																																																																																																												
Heifer calves	Head	92	450	58.24	24,111	---	Capital replacement 11/	Dol	---	---	---	17,192	32.68																																																																																																																																																																																																																																												
Yearling steers	Head	31	750	63.69	14,808	---	Interest on investment other than land 13/	Dol	---	---	---	49,968	95.00																																																																																																																																																																																																																																												
Yearling heifers	Head	25	720	56.88	10,238	---	Interest on land 13/	Dol	---	---	---	260,578	495.40																																																																																																																																																																																																																																												
Cull cows	Head	78	1,000	34.20	26,676	---	Total other costs	Dol	---	---	---	335,102	637.08																																																																																																																																																																																																																																												
Total sales	Head	---	---	---	134,251	255.23	Total all costs	Dol	---	---	---	438,324	833.32																																																																																																																																																																																																																																												
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																		
Federal grazing fees 3/	AM	706.0	---	1.86	1,313	2.50	Return above cash costs:	Dol	---	---	---	31,029	58.99																																																																																																																																																																																																																																												
Private pasture lease	AUM	859.5	---	8.90	7,650	14.54	Return above cash costs: and family labor	Dol	---	---	---	23,665	44.99																																																																																																																																																																																																																																												
Other pasture lease 4/	AUM	---	---	---	---	---	Return to total investment 14/	Dol	---	---	---	6,473	12.31																																																																																																																																																																																																																																												
State land lease	AUM	34.6	---	3.78	131	.25	Return to land 15/	Dol	---	---	---	-43,495	-82.69																																																																																																																																																																																																																																												
Irrigated pasture	AUM	276.7	---	4.77	1,320	2.51																																																																																																																																																																																																																																																			
Hay produced	Ton	828.0	---	33.59	27,813	52.88																																																																																																																																																																																																																																																			
Hay purchased	Ton	146.1	---	57.33	8,376	15.92																																																																																																																																																																																																																																																			
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td colspan="14">Feed source:</td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>60.0</td> <td>135.0</td> <td>133.0</td> <td>121.0</td> <td>57.0</td> <td>---</td> <td>---</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>---</td> <td>---</td> <td>---</td> <td>13.0</td> <td>43.0</td> <td>50.0</td> <td>52.0</td> <td>36.0</td> <td>6.0</td> <td>---</td> <td>---</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>---</td> <td>---</td> <td>---</td> <td>167.8</td> <td>153.3</td> <td>132.5</td> <td>134.0</td> <td>136.1</td> <td>135.8</td> <td>---</td> <td>---</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>7.7</td> <td>6.6</td> <td>6.7</td> <td>6.8</td> <td>6.8</td> <td>---</td> <td>---</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>---</td> <td>---</td> <td>---</td> <td>671.4</td> <td>544.2</td> <td>470.6</td> <td>475.5</td> <td>483.1</td> <td>339.4</td> <td>486.6</td> <td>---</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>61.3</td> <td>53.1</td> <td>53.6</td> <td>54.4</td> <td>54.3</td> <td>---</td> <td>---</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>142.6</td> <td>129.4</td> <td>131.0</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>175.1</td> <td>193.4</td> <td>221.3</td> <td>236.3</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>148.0</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>7.9</td> <td>7.9</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> </tr> <tr> <td colspan="14">Marketing month:</td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>181.0</td> <td>---</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>92.0</td> <td>---</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>31.0</td> <td>---</td> <td>---</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>3.0</td> <td>---</td> <td>22.0</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>78.0</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:														National Forest 16/	AM	---	---	---	---	60.0	135.0	133.0	121.0	57.0	---	---	Bureau of Land Management 16/	AM	---	---	---	13.0	43.0	50.0	52.0	36.0	6.0	---	---	Pasture rent/lease 17/	AUM	---	---	---	167.8	153.3	132.5	134.0	136.1	135.8	---	---	State land lease	AUM	---	---	---	---	7.7	6.6	6.7	6.8	6.8	---	---	Deeded rangeland 17/	AUM	---	---	---	671.4	544.2	470.6	475.5	483.1	339.4	486.6	---	Irrigated pasture 17/	AUM	---	---	---	---	61.3	53.1	53.6	54.4	54.3	---	---	Crop residue 17/	AUM	---	---	---	---	---	---	---	---	142.6	129.4	131.0	Hay	Ton	175.1	193.4	221.3	236.3	---	---	---	---	---	---	148.0	Grain	Bu	---	---	---	---	---	---	---	---	---	---	---	Protein supplement	Ton	7.9	7.9	---	---	---	---	---	---	---	---	---	Marketing month:														Steer calves	Head	---	---	---	---	---	---	---	---	---	181.0	---	Heifer calves	Head	---	---	---	---	---	---	---	---	---	92.0	---	Yearling steers	Head	---	---	---	---	---	---	---	---	31.0	---	---	Yearling heifers	Head	---	---	---	---	---	---	---	---	3.0	---	22.0	Cull cows	Head	---	---	---	---	---	---	---	---	---	---	78.0
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																													
Feed source:																																																																																																																																																																																																																																																									
National Forest 16/	AM	---	---	---	---	60.0	135.0	133.0	121.0	57.0	---	---																																																																																																																																																																																																																																													
Bureau of Land Management 16/	AM	---	---	---	13.0	43.0	50.0	52.0	36.0	6.0	---	---																																																																																																																																																																																																																																													
Pasture rent/lease 17/	AUM	---	---	---	167.8	153.3	132.5	134.0	136.1	135.8	---	---																																																																																																																																																																																																																																													
State land lease	AUM	---	---	---	---	7.7	6.6	6.7	6.8	6.8	---	---																																																																																																																																																																																																																																													
Deeded rangeland 17/	AUM	---	---	---	671.4	544.2	470.6	475.5	483.1	339.4	486.6	---																																																																																																																																																																																																																																													
Irrigated pasture 17/	AUM	---	---	---	---	61.3	53.1	53.6	54.4	54.3	---	---																																																																																																																																																																																																																																													
Crop residue 17/	AUM	---	---	---	---	---	---	---	---	142.6	129.4	131.0																																																																																																																																																																																																																																													
Hay	Ton	175.1	193.4	221.3	236.3	---	---	---	---	---	---	148.0																																																																																																																																																																																																																																													
Grain	Bu	---	---	---	---	---	---	---	---	---	---	---																																																																																																																																																																																																																																													
Protein supplement	Ton	7.9	7.9	---	---	---	---	---	---	---	---	---																																																																																																																																																																																																																																													
Marketing month:																																																																																																																																																																																																																																																									
Steer calves	Head	---	---	---	---	---	---	---	---	---	181.0	---																																																																																																																																																																																																																																													
Heifer calves	Head	---	---	---	---	---	---	---	---	---	92.0	---																																																																																																																																																																																																																																													
Yearling steers	Head	---	---	---	---	---	---	---	---	31.0	---	---																																																																																																																																																																																																																																													
Yearling heifers	Head	---	---	---	---	---	---	---	---	3.0	---	22.0																																																																																																																																																																																																																																													
Cull cows	Head	---	---	---	---	---	---	---	---	---	---	78.0																																																																																																																																																																																																																																													

Table 31--Beef cow enterprises with 1,000 cows, Helena National Forest, Central Montana, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																										
Production:							Cash costs--Continued																																																																																																																																																																																																																																																
Bred cows 1/	Head	3,520					Protein supplement 5/	Ton	105.6		241.00	25,450	7.23																																																																																																																																																																																																																																										
Annual cow loss	Head	106					Grain	Bu																																																																																																																																																																																																																																															
Cows culled	Head	528					Miscellaneous	Ton																																																																																																																																																																																																																																															
Calves born alive	Head	3,168					Salt and mineral	Cwt	1,232.0		4.27	5,261	1.49																																																																																																																																																																																																																																										
Calves lost birth to weaning	Head	317					Veterinary & medicine	Dol				12,028	3.41																																																																																																																																																																																																																																										
Steer calves weaned	Head	1,425					Hired trucking	Dol				9,537	2.71																																																																																																																																																																																																																																										
Sold as weaners	Head	1,212					Marketing 6/	Dol				4,560	1.30																																																																																																																																																																																																																																										
Lost after weaning	Head	2					General overhead 7/	Dol				53,506	15.20																																																																																																																																																																																																																																										
Sold as yearlings	Head	211					Hired labor	Hrs	15,840.0		4.00	63,360	18.00																																																																																																																																																																																																																																										
Heifer calves weaned	Head	1,426					Fuel and lubricants	Dol				24,659	7.01																																																																																																																																																																																																																																										
Sold as weaners	Head	613					Repairs	Dol				28,475	8.09																																																																																																																																																																																																																																										
Lost after weaning	Head	16					Taxes 8/	Dol				35,297	10.03																																																																																																																																																																																																																																										
Sold as yearlings	Head	163					Insurance	Dol				16,591	4.71																																																																																																																																																																																																																																										
Kept for herd replacement 2/	Head	634					Interest on operating capital 9/	Dol	289,602.6		0.15	42,861	12.17																																																																																																																																																																																																																																										
Bulls	Head	153					Total cash costs	Dol				638,707	181.45																																																																																																																																																																																																																																										
Sales:							Other costs:																																																																																																																																																																																																																																																
Steer calves	Head	1,212	480	67.24	391,175		Family labor 10/	Hrs	5,280.0		4.00	21,120	6.00																																																																																																																																																																																																																																										
Heifer calves	Head	613	450	58.24	160,655		Capital replacement 11/	Dol				79,483	22.58																																																																																																																																																																																																																																										
Yearling steers	Head	211	750	63.39	100,315		Interest on investment other than land 13/	Dol																																																																																																																																																																																																																																															
Yearling heifers	Head	163	720	58.42	68,562		Interest on land 13/	Dol				307,629	87.39																																																																																																																																																																																																																																										
Cull cows	Head	528	1,000	34.20	180,576		Total other costs	Dol				-1,282,629	364.38																																																																																																																																																																																																																																										
Total sales	Head				901,283	256.05	Total all costs	Dol				-1,690,861	480.36																																																																																																																																																																																																																																										
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																
Federal grazing fees 3/	AM	1,009.0		1.86	1,877	.53	Return above cash costs:	Dol				262,576	74.60																																																																																																																																																																																																																																										
Private pasture lease	AUM	6,814.2		8.90	60,646	17.23	Return above cash costs:	Dol				241,456	68.60																																																																																																																																																																																																																																										
Other pasture lease 4/	AUM						Return to total investment 14/	Dol				161,973	46.02																																																																																																																																																																																																																																										
State land lease	AUM	283.4		3.78	1,071	.30	Return to land 15/	Dol				-145,656	-41.38																																																																																																																																																																																																																																										
Irrigated pasture	AUM	2,266.9		4.77	10,813	3.07																																																																																																																																																																																																																																																	
Hay produced	Ton	5,553.2		33.59	186,532	52.99																																																																																																																																																																																																																																																	
Hay purchased	Ton	980.0		57.33	56,183	15.96																																																																																																																																																																																																																																																	
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td>Feed source:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td></td> <td></td> <td></td> <td></td> <td>20.0</td> <td>138.0</td> <td>138.0</td> <td>138.0</td> <td>35.0</td> <td></td> <td></td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>135.0</td> <td>135.0</td> <td>135.0</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td></td> <td></td> <td></td> <td>1,147.1</td> <td>1,182.3</td> <td>1,168.4</td> <td>1,178.6</td> <td>1,123.6</td> <td>1,014.2</td> <td></td> <td></td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td></td> <td></td> <td></td> <td></td> <td>59.2</td> <td>58.4</td> <td>58.9</td> <td>56.2</td> <td>50.7</td> <td></td> <td></td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td></td> <td></td> <td></td> <td>4,588.0</td> <td>4,197.2</td> <td>4,148.0</td> <td>4,184.2</td> <td>3,988.7</td> <td>2,535.6</td> <td>3,255.6</td> <td></td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td></td> <td></td> <td></td> <td></td> <td>472.9</td> <td>467.4</td> <td>471.5</td> <td>449.4</td> <td>405.7</td> <td></td> <td></td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1,064.9</td> <td></td> <td>865.4</td> <td>876.3</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>1,170.7</td> <td>1,291.7</td> <td>1,479.9</td> <td>1,600.9</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>990.0</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>52.8</td> <td>52.8</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Marketing month:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1,212.0</td> <td></td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>613.0</td> <td></td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>211.0</td> <td></td> <td></td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>20.0</td> <td></td> <td>143.0</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>528.0</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:													National Forest 16/	AM					20.0	138.0	138.0	138.0	35.0			Bureau of Land Management 16/	AM						135.0	135.0	135.0				Pasture rent/lease 17/	AUM				1,147.1	1,182.3	1,168.4	1,178.6	1,123.6	1,014.2			State land lease	AUM					59.2	58.4	58.9	56.2	50.7			Deeded rangeland 17/	AUM				4,588.0	4,197.2	4,148.0	4,184.2	3,988.7	2,535.6	3,255.6		Irrigated pasture 17/	AUM					472.9	467.4	471.5	449.4	405.7			Crop residue 17/	AUM								1,064.9		865.4	876.3	Hay	Ton	1,170.7	1,291.7	1,479.9	1,600.9							990.0	Grain	Bu												Protein supplement	Ton	52.8	52.8										Marketing month:													Steer calves	Head										1,212.0		Heifer calves	Head										613.0		Yearling steers	Head									211.0			Yearling heifers	Head									20.0		143.0	Cull cows	Head											528.0
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																											
Feed source:																																																																																																																																																																																																																																																							
National Forest 16/	AM					20.0	138.0	138.0	138.0	35.0																																																																																																																																																																																																																																													
Bureau of Land Management 16/	AM						135.0	135.0	135.0																																																																																																																																																																																																																																														
Pasture rent/lease 17/	AUM				1,147.1	1,182.3	1,168.4	1,178.6	1,123.6	1,014.2																																																																																																																																																																																																																																													
State land lease	AUM					59.2	58.4	58.9	56.2	50.7																																																																																																																																																																																																																																													
Deeded rangeland 17/	AUM				4,588.0	4,197.2	4,148.0	4,184.2	3,988.7	2,535.6	3,255.6																																																																																																																																																																																																																																												
Irrigated pasture 17/	AUM					472.9	467.4	471.5	449.4	405.7																																																																																																																																																																																																																																													
Crop residue 17/	AUM								1,064.9		865.4	876.3																																																																																																																																																																																																																																											
Hay	Ton	1,170.7	1,291.7	1,479.9	1,600.9							990.0																																																																																																																																																																																																																																											
Grain	Bu																																																																																																																																																																																																																																																						
Protein supplement	Ton	52.8	52.8																																																																																																																																																																																																																																																				
Marketing month:																																																																																																																																																																																																																																																							
Steer calves	Head										1,212.0																																																																																																																																																																																																																																												
Heifer calves	Head										613.0																																																																																																																																																																																																																																												
Yearling steers	Head									211.0																																																																																																																																																																																																																																													
Yearling heifers	Head									20.0		143.0																																																																																																																																																																																																																																											
Cull cows	Head											528.0																																																																																																																																																																																																																																											

Table 32--Beef cow enterprises of all sizes, Idaho Panhandle National Forests, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																													
Production:							Cash costs--Continued																																																																																																																																																																																																																																			
Bred cows 1/	Head	119	--	--	--	--	Protein supplement 5/	Ton	20.1	--	228.20	4,587	38.55																																																																																																																																																																																																																													
Annual cow loss	Head	2	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																													
Cows culled	Head	9	--	--	--	--	Other feed	Ton	--	--	--	--	--																																																																																																																																																																																																																													
Calves born alive	Head	112	--	--	--	--	Salt and mineral	Cwt	41.7	--	4.33	181	1.52																																																																																																																																																																																																																													
Calves lost birth to weaning	Head	3	--	--	--	--	Veterinary & medicine	Dol	--	--	--	967	8.13																																																																																																																																																																																																																													
Steer calves weaned	Head	54	--	--	--	--	Hired trucking	Dol	--	--	--	148	1.24																																																																																																																																																																																																																													
Sold as weaners	Head	16	--	--	--	--	Marketing 6/	Dol	--	--	--	470	3.95																																																																																																																																																																																																																													
Lost after weaning	Head	1	--	--	--	--	General overhead 7/	Dol	--	--	--	1,209	10.16																																																																																																																																																																																																																													
Sold as yearlings	Head	37	--	--	--	--	Hired labor	Hrs	378	--	4.17	1,576	13.24																																																																																																																																																																																																																													
Heifer calves weaned	Head	55	--	--	--	--	Fuel and lubricants	Dol	--	--	--	2,776	23.33																																																																																																																																																																																																																													
Sold as weaners	Head	39	--	--	--	--	Repairs	Dol	--	--	--	3,246	27.28																																																																																																																																																																																																																													
Lost after weaning	Head	--	--	--	--	--	Taxes 8/	Dol	--	--	--	1,087	9.13																																																																																																																																																																																																																													
Sold as yearlings	Head	5	--	--	--	--	Insurance	Dol	--	--	--	595	5.00																																																																																																																																																																																																																													
Kept for herd replacement 2/	Head	11	--	--	--	--	Interest on operating capital 9/	Dol	12,960	--	.15	1,918	16.12																																																																																																																																																																																																																													
Bulls	Head	5	--	--	--	--	Total cash costs	Dol	--	--	--	28,483	239.35																																																																																																																																																																																																																													
Sales:							Other costs:																																																																																																																																																																																																																																			
Steer calves	Head	16	484	65.44	5,068	--	Family labor 10/	Hrs	2,015	--	4.17	8,403	70.61																																																																																																																																																																																																																													
Heifer calves	Head	39	433	54.08	9,132	--	Capital replacement 11/	Dol	--	--	--	5,844	49.11																																																																																																																																																																																																																													
Yearling steers	Head	37	716	58.33	15,453	--	Interest on investment other than land 13/	Dol	--	--	--	12,597	105.86																																																																																																																																																																																																																													
Yearling heifers	Head	5	659	52.12	1,717	--	Interest on land 13/	Dol	--	--	--	39,188	329.31																																																																																																																																																																																																																													
Cull cows	Head	9	1,100	35.05	3,470	--	Total other costs	Dol	--	--	--	66,032	554.89																																																																																																																																																																																																																													
Total sales	Head	--	--	--	34,840	292.77	Total all costs	Dol	--	--	--	94,515	794.24																																																																																																																																																																																																																													
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																			
Federal grazing fees 3/	AM	137.0	--	1.86	255	2.14	Return above cash costs and family labor	Dol	--	--	--	6,357	53.42																																																																																																																																																																																																																													
Private pasture lease	AUM	102.5	--	7.98	818	6.87	Return to total investment 14/	Dol	--	--	--	-7,890	-66.30																																																																																																																																																																																																																													
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-20,487	-172.16																																																																																																																																																																																																																													
State land lease	AUM	--	--	--	--	--																																																																																																																																																																																																																																				
Irrigated pasture	AUM	--	--	--	--	--																																																																																																																																																																																																																																				
Hay produced	Ton	201.6	--	32.78	6,608	55.53																																																																																																																																																																																																																																				
Hay purchased	Ton	38.4	--	53.17	2,042	17.16																																																																																																																																																																																																																																				
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td>Feed source:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>National Forest 16/ Bureau of Land Management 16/</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>9.0</td> <td>26.0</td> <td>26.0</td> <td>29.0</td> <td>13.0</td> <td>3.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>--</td> <td>--</td> <td>--</td> <td>24.8</td> <td>26.7</td> <td>--</td> <td>--</td> <td>--</td> <td>28.5</td> <td>22.5</td> <td>--</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>--</td> <td>--</td> <td>--</td> <td>33.0</td> <td>160.6</td> <td>171.8</td> <td>177.8</td> <td>175.4</td> <td>164.6</td> <td>70.3</td> <td>--</td> <td>--</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>76.1</td> <td>13.8</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>40.0</td> <td>40.0</td> <td>40.0</td> <td>40.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>40.0</td> <td>40.0</td> </tr> <tr> <td>Grain</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>3.0</td> <td>5.9</td> <td>8.2</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>3.0</td> </tr> <tr> <td>Marketing month:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Steer calves</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>16</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>39</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>37</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>5</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>9</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:													National Forest 16/ Bureau of Land Management 16/	--	--	--	--	9.0	26.0	26.0	29.0	13.0	3.0	--	--	Pasture rent/lease 17/	--	--	--	24.8	26.7	--	--	--	28.5	22.5	--	--	State land lease	--	--	--	--	--	--	--	--	--	--	--	--	Deeded rangeland 17/	--	--	--	33.0	160.6	171.8	177.8	175.4	164.6	70.3	--	--	Irrigated pasture 17/	--	--	--	--	--	--	--	--	--	--	--	--	Crop residue 17/	--	--	--	--	--	--	--	--	--	76.1	13.8	--	Hay	40.0	40.0	40.0	40.0	--	--	--	--	--	--	40.0	40.0	Grain	--	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	3.0	5.9	8.2	--	--	--	--	--	--	--	--	3.0	Marketing month:													Steer calves	--	--	--	--	--	--	--	--	--	--	16	--	Heifer calves	--	--	--	--	--	--	--	--	--	--	39	--	Yearling steers	--	--	--	--	--	--	--	--	--	--	37	--	Yearling heifers	--	--	--	--	--	--	--	--	--	--	5	--	Cull cows	--	--	--	--	--	--	--	--	--	--	9	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																														
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National Forest 16/ Bureau of Land Management 16/	--	--	--	--	9.0	26.0	26.0	29.0	13.0	3.0	--	--																																																																																																																																																																																																																														
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Deeded rangeland 17/	--	--	--	33.0	160.6	171.8	177.8	175.4	164.6	70.3	--	--																																																																																																																																																																																																																														
Irrigated pasture 17/	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																														
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Hay	40.0	40.0	40.0	40.0	--	--	--	--	--	--	40.0	40.0																																																																																																																																																																																																																														
Grain	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																														
Protein supplement	3.0	5.9	8.2	--	--	--	--	--	--	--	--	3.0																																																																																																																																																																																																																														
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Steer calves	--	--	--	--	--	--	--	--	--	--	16	--																																																																																																																																																																																																																														
Heifer calves	--	--	--	--	--	--	--	--	--	--	39	--																																																																																																																																																																																																																														
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Yearling heifers	--	--	--	--	--	--	--	--	--	--	5	--																																																																																																																																																																																																																														
Cull cows	--	--	--	--	--	--	--	--	--	--	9	--																																																																																																																																																																																																																														

Table 33--Beef cow enterprises of 0-99 cows, Lewis and Clark National Forest, Central Montana, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																										
Production:							Cash costs--Continued																																																																																																																																																																																																																																																
Bred cows 1/	Head	57	--	--	--	--	Protein supplement 5/	Ton	--	--	--	--	--																																																																																																																																																																																																																																										
Annual cow loss	Head	1	--	--	--	--	Grain Corn	Bu	--	--	--	--	--																																																																																																																																																																																																																																										
Cows culled	Head	7	--	--	--	--	Other feed	Ton	--	--	--	--	--																																																																																																																																																																																																																																										
Calves born alive	Head	50	--	--	--	--	Salt and mineral	Cwt	20.0	--	4.27	85	1.49																																																																																																																																																																																																																																										
Calves lost birth to weaning	Head	1	--	--	--	--	Veterinary & medicine	Dol	--	--	--	486	8.53																																																																																																																																																																																																																																										
Steer calves weaned	Head	24	--	--	--	--	Hired trucking	Dol	--	--	--	166	2.91																																																																																																																																																																																																																																										
Sold as weaners	Head	12	--	--	--	--	Marketing 6/	Dol	--	--	--	283	4.96																																																																																																																																																																																																																																										
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	Dol	--	--	--	1,223	21.46																																																																																																																																																																																																																																										
Sold as yearlings	Head	12	--	--	--	--	Hired labor	Hrs	74.0	--	4.00	296	5.19																																																																																																																																																																																																																																										
Heifer calves weaned	Head	25	--	--	--	--	Fuel and lubricants	Dol	--	--	--	467	8.19																																																																																																																																																																																																																																										
Sold as weaners	Head	9	--	--	--	--	Repairs	Dol	--	--	--	704	12.35																																																																																																																																																																																																																																										
Lost after weaning	Head	--	--	--	--	--	Taxes 8/	Dol	--	--	--	332	5.82																																																																																																																																																																																																																																										
Sold as yearlings	Head	8	--	--	--	--	Insurance	Dol	--	--	--	315	5.53																																																																																																																																																																																																																																										
Kept for herd replacement 2/	Head	8	--	--	--	--	Interest on operating capital 9/	Dol	4,905.0	--	0.15	726	12.74																																																																																																																																																																																																																																										
Bulls	Head	2	--	--	--	--	Total cash costs	Dol	--	--	--	10,794	189.37																																																																																																																																																																																																																																										
Sales:							Other costs:																																																																																																																																																																																																																																																
Steer calves	Head	12	435	67.24	3,510	--	Family labor 10/	Hrs	750.0	--	4.00	3,000	52.63																																																																																																																																																																																																																																										
Heifer calves	Head	9	410	58.24	2,149	--	Capital replacement 11/	Dol	--	--	--	2,079	36.47																																																																																																																																																																																																																																										
Yearling steers	Head	12	700	65.12	5,470	--	Interest on investment other than land 13/	Dol	--	--	--	5,655	99.21																																																																																																																																																																																																																																										
Yearling heifers	Head	8	655	60.85	3,189	--	Interest on land 13/	Dol	--	--	--	9,362	164.25																																																																																																																																																																																																																																										
Cull cows	Head	7	1,050	35.05	2,576	--	Total other costs	Dol	--	--	--	20,096	352.56																																																																																																																																																																																																																																										
Total sales	Head	--	--	--	16,894	296.39	Total all costs	Dol	--	--	--	30,890	541.93																																																																																																																																																																																																																																										
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																
Federal grazing fees 3/	AM	229.0	--	1.86	426	7.47	Return above cash costs and family labor	Dol	--	--	--	6,100	107.02																																																																																																																																																																																																																																										
Private pasture lease	AM	--	--	--	--	--	Return to total investment 14/	Dol	--	--	--	1,021	17.91																																																																																																																																																																																																																																										
Other pasture lease 4/	AM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-4,634	-81.30																																																																																																																																																																																																																																										
State land lease	AM	--	--	--	--	--																																																																																																																																																																																																																																																	
Irrigated pasture	AM	--	--	--	--	--																																																																																																																																																																																																																																																	
Hay produced	Ton	72.0	--	33.59	2,418	42.42																																																																																																																																																																																																																																																	
Hay purchased	Ton	50.0	--	57.33	2,867	50.30																																																																																																																																																																																																																																																	
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td>Feed source:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>39.0</td> <td>39.0</td> <td>39.0</td> <td>39.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>73.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>42.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>49.0</td> <td>53.0</td> <td>53.0</td> <td>54.0</td> <td>51.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>71.0</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>22.0</td> <td>24.0</td> <td>26.0</td> <td>28.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>22.0</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Marketing month:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>12</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>9</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>12</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>6</td> <td>--</td> <td>2</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>7</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:													National Forest 16/	AM	--	--	--	--	39.0	39.0	39.0	39.0	--	--	--	Bureau of Land Management 16/	AM	--	--	--	73.0	--	--	--	--	--	--	--	Pasture rent/lease 17/	AM	--	--	--	--	--	--	--	--	--	--	--	State land lease	AM	--	--	--	--	--	--	--	--	42.0	--	--	Deeded rangeland 17/	AM	--	--	--	--	49.0	53.0	53.0	54.0	51.0	--	--	Irrigated pasture 17/	AM	--	--	--	--	--	--	--	--	--	--	--	Crop residue 17/	AM	--	--	--	--	--	--	--	--	--	71.0	--	Hay	Ton	22.0	24.0	26.0	28.0	--	--	--	--	--	--	22.0	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--	Marketing month:													Steer calves	Head	--	--	--	--	--	--	--	--	--	12	--	Heifer calves	Head	--	--	--	--	--	--	--	--	--	9	--	Yearling steers	Head	--	--	--	--	--	--	--	12	--	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	6	--	2	--	Cull cows	Head	--	--	--	--	--	--	--	--	--	7	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																											
Feed source:																																																																																																																																																																																																																																																							
National Forest 16/	AM	--	--	--	--	39.0	39.0	39.0	39.0	--	--	--																																																																																																																																																																																																																																											
Bureau of Land Management 16/	AM	--	--	--	73.0	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Pasture rent/lease 17/	AM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
State land lease	AM	--	--	--	--	--	--	--	--	42.0	--	--																																																																																																																																																																																																																																											
Deeded rangeland 17/	AM	--	--	--	--	49.0	53.0	53.0	54.0	51.0	--	--																																																																																																																																																																																																																																											
Irrigated pasture 17/	AM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Crop residue 17/	AM	--	--	--	--	--	--	--	--	--	71.0	--																																																																																																																																																																																																																																											
Hay	Ton	22.0	24.0	26.0	28.0	--	--	--	--	--	--	22.0																																																																																																																																																																																																																																											
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Marketing month:																																																																																																																																																																																																																																																							
Steer calves	Head	--	--	--	--	--	--	--	--	--	12	--																																																																																																																																																																																																																																											
Heifer calves	Head	--	--	--	--	--	--	--	--	--	9	--																																																																																																																																																																																																																																											
Yearling steers	Head	--	--	--	--	--	--	--	12	--	--	--																																																																																																																																																																																																																																											
Yearling heifers	Head	--	--	--	--	--	--	--	6	--	2	--																																																																																																																																																																																																																																											
Cull cows	Head	--	--	--	--	--	--	--	--	--	7	--																																																																																																																																																																																																																																											

Table 34--Beef cow enterprises with 100-299 cows, Lewis and Clark National Forest, Central Montana, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow
Production:							:Cash costs--Continued						
Bred cows 1/	Head	175	--	--	--	--	Protein supplement 5/	Ton	--	--	--	--	--
Annual cow loss	Head	4	--	--	--	--	Grain	Bu	--	--	--	--	--
Cows culled	Head	17	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--
Calves born alive	Head	149	--	--	--	--	Salt and mineral	Cwt	61.3	--	4.27	262	1.50
Calves lost birth to weaning	Head	3	--	--	--	--	Veterinary & medicine:	Dol	--	--	--	1,055	6.03
Steer calves weaned	Head	73	--	--	--	--	Hired trucking	Dol	--	--	--	471	2.69
Sold as weaners	Head	36	--	--	--	--	Marketing 6/	Dol	--	--	--	553	3.16
Lost after weaning	Head	1	--	--	--	--	General overhead 7/	Dol	--	--	--	2,737	15.64
Sold as yearlings	Head	36	--	--	--	--	Hired labor	Hrs	573.0	--	4.00	2,292	13.10
Heifer calves weaned	Head	73	--	--	--	--	Fuel and lubricants	Dol	--	--	--	1,627	9.30
Sold as weaners	Head	26	--	--	--	--	Repairs	Dol	--	--	--	1,840	10.51
Lost after weaning	Head	1	--	--	--	--	Taxes 8/	Dol	--	--	--	1,120	6.40
Sold as yearlings	Head	25	--	--	--	--	Insurance	Dol	--	--	--	842	4.81
Kept for herd replacement 2/	Head	21	--	--	--	--	Interest on operating capital 9/	Dol	15,335.0	--	0.15	2,270	12.97
Bulls	Head	7	--	--	--	--	Total cash costs	Dol	--	--	--	31,968	182.67
Sales:							:Other costs:						
Steer calves	Head	36	435	67.24	10,530	--	Family labor 10/	Hrs	2,462.50	--	4.00	9,850	56.29
Heifer calves	Head	26	410	58.24	6,208	--	Capital replacement 11/	Dol	--	--	--	5,203	29.73
Yearling steers	Head	36	700	65.12	16,410	--	Interest on Investment other than land 13/	Dol	--	--	--	15,738	89.93
Yearling heifers	Head	25	655	60.85	9,964	--	Interest on land 13/	Dol	--	--	--	35,475	202.71
Cull cows	Head	17	1,000	35.05	5,959	--	Total other costs	Dol	--	--	--	66,266	378.66
Total sales	Head	--	--	--	49,071	280.41:	Total all costs	Dol	--	--	--	98,234	561.34
Cash costs:							:Return above cash costs:						
Federal grazing fees 3/	AM	449.0	--	1.86	835	4.77:	Return above cash costs:	Dol	--	--	--	17,103	97.73
Private pasture lease	AUM	--	--	--	--	--	Return above cash costs:	Dol	--	--	--	7,253	41.45
Other pasture lease 4/	AUM	--	--	--	--	--	Return to total investment 14/	Dol	--	--	--	2,050	11.71
State land lease	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-13,688	-78.22
Irrigated pasture	AUM	--	--	--	--	--							
Hay produced	Ton	212.0	--	33.59	7,121	40.69:							
Hay purchased	Ton	156.0	--	57.33	8,943	51.11:							
: Jan. : Feb. : Mar. : Apr. : May : June : July : Aug. : Sept. : Oct. : Nov. : Dec.													
Feed source:													
National Forest 16/	AM	--	--	--	--	--	57.0	57.0	57.0	56.0	--	--	--
Bureau of Land Management 16/	AM	--	--	--	--	222.0	--	--	--	--	--	--	--
Pasture rent/lease 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--
State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--	--
Deeded rangeland 17/	AUM	--	--	--	--	--	243.0	251.0	255.0	248.0	160.0	--	--
Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	--	217.0	--
Hay	Ton	66.0	73.0	78.0	85.0	--	--	--	--	--	--	--	66.0
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--
Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--	--
Marketing month:													
Steer calves	Head	--	--	--	--	--	--	--	--	--	--	36.0	--
Heifer calves	Head	--	--	--	--	--	--	--	--	--	--	26.0	--
Yearling steers	Head	--	--	--	--	--	--	--	--	--	36.0	--	--
Yearling heifers	Head	--	--	--	--	--	--	--	--	--	25.0	--	--
Cull cows	Head	--	--	--	--	--	--	--	--	--	--	17.0	--

Table 35--Beef cow enterprises of 300 or more cows, Lewis and Clark National Forest, Central Montana, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																													
Production:							Cash costs--Continued																																																																																																																																																																																																																																																			
Bred cows 1/	Head	1,421	--	--	--	--	Protein supplement 5/	Ton	--	--	--	--	--																																																																																																																																																																																																																																													
Annual cow loss	Head	43	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																													
Cows culled	Head	156	--	--	--	--	Other feed	Ton	--	--	--	--	--																																																																																																																																																																																																																																													
Calves born alive	Head	1,165	--	--	--	--	Salt and mineral	Cwt	497.3	--	4.27	2,123	1.49																																																																																																																																																																																																																																													
Calves lost birth to weaning	Head	35	--	--	--	--	Veterinary & medicine	Dol	--	--	--	8,569	6.03																																																																																																																																																																																																																																													
Steer calves weaned	Head	565	--	--	--	--	Hired trucking	Dol	--	--	--	3,822	2.69																																																																																																																																																																																																																																													
Sold as weaners	Head	277	--	--	--	--	Marketing 6/	Dol	--	--	--	4,490	3.16																																																																																																																																																																																																																																													
Lost after weaning	Head	5	--	--	--	--	General overhead 7/	Dol	--	--	--	22,224	15.64																																																																																																																																																																																																																																													
Sold as yearlings	Head	283	--	--	--	--	Hired labor	Hrs	11,256.5	--	4.00	45,026	31.69																																																																																																																																																																																																																																													
Heifer calves weaned	Head	565	--	--	--	--	Fuel and lubricants	Dol	--	--	--	4,212	2.99																																																																																																																																																																																																																																													
Sold as weaners	Head	183	--	--	--	--	Repairs	Dol	--	--	--	10,518	7.40																																																																																																																																																																																																																																													
Lost after weaning	Head	8	--	--	--	--	Taxes 8/	Dol	--	--	--	7,821	5.50																																																																																																																																																																																																																																													
Sold as yearlings	Head	175	--	--	--	--	Insurance	Dol	--	--	--	6,483	4.56																																																																																																																																																																																																																																													
Kept for herd replacement 2/	Head	199	--	--	--	--	Interest on operating capital 9/	Dol	122,388	--	.15	18,113	12.75																																																																																																																																																																																																																																													
Bulls	Head	57	--	--	--	--	Total cash costs	Dol	--	--	--	263,486	185.42																																																																																																																																																																																																																																													
Sales:							Other costs:																																																																																																																																																																																																																																																			
Steer calves	Head	277	435	67.24	81,021	--	Family labor 10/	Hrs	6,680.0	--	4.00	26,720	18.80																																																																																																																																																																																																																																													
Heifer calves	Head	183	410	58.24	43,697	--	Capital replacement 11/	Dol	--	--	--	39,395	27.72																																																																																																																																																																																																																																													
Yearling steers	Head	283	700	65.12	129,003	--	Interest on investment other than land 13/	Dol	--	--	--	115,263	81.11																																																																																																																																																																																																																																													
Yearling heifers	Head	175	655	60.85	69,749	--	Interest on land 13/	Dol	--	--	--	283,011	199.16																																																																																																																																																																																																																																													
Cull cows	Head	156	1,000	35.05	54,678	--	Total other costs	Dol	--	--	--	464,389	326.80																																																																																																																																																																																																																																													
Total sales	Head	--	--	--	378,148	266.11	Total all costs	Dol	--	--	--	727,875	512.23																																																																																																																																																																																																																																													
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																			
Federal grazing fees 3/	AM	3,526.0	--	1.86	6,558	4.62	Return above cash costs:	Dol	--	--	--	114,662	80.69																																																																																																																																																																																																																																													
Private pasture lease	AUM	1,030.0	--	8.70	8,961	6.31	Return above cash costs:	Dol	--	--	--	87,942	61.89																																																																																																																																																																																																																																													
Other pasture lease 4/	AUM	--	--	--	--	--	and family labor	Dol	--	--	--	--	--																																																																																																																																																																																																																																													
State land lease	AUM	--	--	--	--	--	Return to total investment 14/	Dol	--	--	--	48,547	34.16																																																																																																																																																																																																																																													
Irrigated pasture	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-66,716	-46.95																																																																																																																																																																																																																																													
Hay produced	Ton	1,558.0	--	33.59	52,333	36.83																																																																																																																																																																																																																																																				
Hay purchased	Ton	1,085.0	--	57.33	62,203	43.77																																																																																																																																																																																																																																																				
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td colspan="14">Feed source:</td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>120.0</td> <td>112.0</td> <td>112.0</td> <td>105.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>1,594.0</td> <td>1,483.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>1,030.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>208.0</td> <td>231.0</td> <td>231.0</td> <td>254.0</td> <td>278.0</td> <td>302.0</td> <td>2,536.0</td> <td>2,569.0</td> <td>2,470.0</td> <td>1,295.0</td> <td>185.0</td> <td>207.0</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>1,572.0</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>475.0</td> <td>521.0</td> <td>563.0</td> <td>609.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>475.0</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td colspan="14">Marketing month:</td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>277</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>183</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>283</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>130</td> <td>--</td> <td>45</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>156</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:														National Forest 16/	AM	--	--	--	--	120.0	112.0	112.0	105.0	--	--	--	Bureau of Land Management 16/	AM	--	--	--	1,594.0	1,483.0	--	--	--	--	--	--	Pasture rent/lease 17/	AUM	--	--	--	--	--	--	--	--	1,030.0	--	--	State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--	Deeded rangeland 17/	AUM	208.0	231.0	231.0	254.0	278.0	302.0	2,536.0	2,569.0	2,470.0	1,295.0	185.0	207.0	Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	1,572.0	--	Hay	Ton	475.0	521.0	563.0	609.0	--	--	--	--	--	--	475.0	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--	Marketing month:														Steer calves	Head	--	--	--	--	--	--	--	--	--	277	--	Heifer calves	Head	--	--	--	--	--	--	--	--	--	183	--	Yearling steers	Head	--	--	--	--	--	--	--	283	--	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	130	--	45	--	Cull cows	Head	--	--	--	--	--	--	--	--	--	156	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																														
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Pasture rent/lease 17/	AUM	--	--	--	--	--	--	--	--	1,030.0	--	--																																																																																																																																																																																																																																														
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Deeded rangeland 17/	AUM	208.0	231.0	231.0	254.0	278.0	302.0	2,536.0	2,569.0	2,470.0	1,295.0	185.0	207.0																																																																																																																																																																																																																																													
Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																														
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	1,572.0	--																																																																																																																																																																																																																																														
Hay	Ton	475.0	521.0	563.0	609.0	--	--	--	--	--	--	475.0																																																																																																																																																																																																																																														
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																														
Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																														
Marketing month:																																																																																																																																																																																																																																																										
Steer calves	Head	--	--	--	--	--	--	--	--	--	277	--																																																																																																																																																																																																																																														
Heifer calves	Head	--	--	--	--	--	--	--	--	--	183	--																																																																																																																																																																																																																																														
Yearling steers	Head	--	--	--	--	--	--	--	283	--	--	--																																																																																																																																																																																																																																														
Yearling heifers	Head	--	--	--	--	--	--	--	130	--	45	--																																																																																																																																																																																																																																														
Cull cows	Head	--	--	--	--	--	--	--	--	--	156	--																																																																																																																																																																																																																																														

Table 36--Beef cow enterprises of up to 99 cows, Lolo National Forest, West-Central Montana, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow
Production:							Cash costs--Continued						
Bred cows <u>1/</u>	Head	49	--	--	--	--	Protein supplement <u>5/</u>	Ton	--	--	--	--	--
Annual cow loss	Head	1	--	--	--	--	Grain	Bu	--	--	--	--	--
Cows culled	Head	8	--	--	--	--	Other feed	Ton	--	--	--	--	--
Calves born alive	Head	46	--	--	--	--	Salt and mineral	Cwt	17.0	--	4.27	73	1.49
Calves lost birth to weaning	Head	3	--	--	--	--	Veterinary & medicine	Dol	--	--	--	443	9.01
Steer calves weaned	Head	21	--	--	--	--	Hired trucking	Dol	--	--	--	90	1.84
Sold as weaners	Head	21	--	--	--	--	Marketing <u>6/</u>	Dol	--	--	--	274	5.59
Lost after weaning	Head	--	--	--	--	--	General overhead <u>7/</u>	Dol	--	--	--	66	1.35
Sold as yearlings	Head	--	--	--	--	--	Hired labor	Hrs	97.0	--	4.00	388	7.92
Heifer calves weaned	Head	22	--	--	--	--	Fuel and lubricants	Dol	--	--	--	1,403	28.63
Sold as weaners	Head	11	--	--	--	--	Repairs	Dol	--	--	--	1,732	35.35
Lost after weaning	Head	1	--	--	--	--	Taxes <u>8/</u>	Dol	--	--	--	1,024	20.90
Sold as yearlings	Head	1	--	--	--	--	Insurance	Dol	--	--	--	308	6.29
Kept for herd replacement <u>2/</u>	Head	9	--	--	--	--	Interest on operating capital <u>9/</u>	Dol	4,282.3	--	.15	634	12.94
Bulls	Head	2	--	--	--	--	Total cash costs	Dol	--	--	--	10,580	215.92
Sales:							Other costs:						
Steer calves	Head	21	480	68.01	6,855	--	Family labor <u>10/</u>	Hrs	980.0	--	4.00	3,920	80.00
Heifer calves	Head	11	425	59.70	2,791	--	Capital replacement <u>11/</u>	Dol	--	--	--	3,337	68.10
Yearling steers	Head	--	--	--	--	--	Interest on investment other than land <u>13/</u>	Dol	--	--	--	6,118	124.85
Yearling heifers	Head	1	750	58.42	438	--	Interest on land <u>13/</u>	Dol	--	--	--	32,616	665.63
Cull cows	Head	8	1,000	37.71	3,017	--	Total other costs	Dol	--	--	--	45,991	938.59
Total sales	Head	--	--	--	13,101	267.37	Total all costs	Dol	--	--	--	56,571	1154.51
Cash costs:							Return above cash costs:						
Federal grazing fees <u>3/</u>	AM	91.0	--	1.86	169	3.45	Return above cash costs and family labor	Dol	--	--	--	2,521	51.45
Private pasture lease	AUM	29.0	--	8.90	258	5.27	Return to total investment <u>14/</u>	Dol	--	--	--	-1,399	-28.55
Other pasture lease <u>4/</u>	AUM	--	--	--	--	--	Return to land <u>15/</u>	Dol	--	--	--	-4,736	-96.65
State land lease	AUM	--	--	--	--	--					--	-10,854	-221.51
Irrigated pasture	AUM	--	--	--	--	--							
Hay produced	Ton	110.7	--	33.59	3,718	75.88							
Hay purchased	Ton	--	--	--	--	--							
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Feed source:													
National Forest <u>16/</u>	AM	--	--	--	--	--	22.0	23.0	24.0	22.0	--	--	--
Bureau of Land Management <u>16/</u>	AM	--	--	--	--	--	--	--	--	--	--	--	--
Pasture rent/lease <u>17/</u>	AUM	--	--	--	--	--	6.0	7.0	7.0	7.0	2.0	--	--
State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--	--
Deeded rangeland <u>17/</u>	AUM	--	--	--	--	77.0	44.9	43.4	41.9	21.5	20.5	--	--
Irrigated pasture <u>17/</u>	AUM	--	--	--	--	--	--	--	--	--	--	--	--
Crop residue <u>17/</u>	AUM	--	--	--	--	--	--	--	--	--	21.5	46.7	--
Hay	Ton	16.8	18.6	20.1	21.6	--	--	--	--	--	--	16.8	16.8
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--
Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--	--
Marketing month:													
Steer calves	Head	--	--	--	--	--	--	--	--	--	21	--	--
Heifer calves	Head	--	--	--	--	--	--	--	--	--	11	--	--
Yearling steers	Head	--	--	--	--	--	--	--	--	--	--	--	--
Yearling heifers	Head	--	--	--	--	--	--	--	--	1	--	--	--
Cull cows	Head	--	--	--	--	--	--	--	--	8	--	--	--

Table 37--Beef cow enterprises of 100 or more cows, Lolo National Forest, West-Central Montana, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																											
Production:							Cash costs--Continued																																																																																																																																																																																																																																																	
Bred cows 1/	Head	344	--	--	--	--	Protein supplement 5/	Ton	--	--	--	--	--																																																																																																																																																																																																																																											
Annual cow loss	Head	10	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																											
Cows culled	Head	50	--	--	--	--	Other feed	Ton	--	--	--	--	--																																																																																																																																																																																																																																											
Calves born alive	Head	323	--	--	--	--	Salt and mineral	Cwt	120.4	--	4.27	514	1.49																																																																																																																																																																																																																																											
Calves lost birth to weaning	Head	23	--	--	--	--	Veterinary & medicine	Dol	--	--	--	3,745	10.89																																																																																																																																																																																																																																											
Steer calves weaned	Head	150	--	--	--	--	Hired trucking	Dol	--	--	--	588	1.71																																																																																																																																																																																																																																											
Sold as weaners	Head	150	--	--	--	--	Marketing 6/	Dol	--	--	--	1,820	5.29																																																																																																																																																																																																																																											
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	Dol	--	--	--	4,285	12.46																																																																																																																																																																																																																																											
Sold as yearlings	Head	--	--	--	--	--	Hired labor	Hrs	1,500.0	--	4.00	6,000	17.44																																																																																																																																																																																																																																											
Heifer calves weaned	Head	150	--	--	--	--	Fuel and lubricants	Dol	--	--	--	4,674	13.59																																																																																																																																																																																																																																											
Sold as weaners	Head	75	--	--	--	--	Repairs	Dol	--	--	--	4,573	13.29																																																																																																																																																																																																																																											
Lost after weaning	Head	2	--	--	--	--	Taxes 8/	Dol	--	--	--	5,245	15.25																																																																																																																																																																																																																																											
Sold as yearlings	Head	13	--	--	--	--	Insurance	Dol	--	--	--	1,703	4.95																																																																																																																																																																																																																																											
Kept for herd replacement 2/	Head	60	--	--	--	--	Interest on operating capital 9/	Dol	26,739.1	--	0.15	3,957	11.50																																																																																																																																																																																																																																											
Bulls	Head	13	--	--	--	--	Total cash costs	Dol	--	--	--	64,910	188.69																																																																																																																																																																																																																																											
Sales:							Other costs:																																																																																																																																																																																																																																																	
Steer calves	Head	150	480	68.01	48,967	--	Family labor 10/	Hrs	4,786.0	--	4.00	19,144	55.65																																																																																																																																																																																																																																											
Heifer calves	Head	75	425	59.70	19,029	--	Capital replacement 11/	Dol	--	--	--	11,336	32.95																																																																																																																																																																																																																																											
Yearling steers	Head	--	--	--	--	--	Interest on investment other than land 13/	Dol	--	--	--	32,367	94.09																																																																																																																																																																																																																																											
Yearling heifers	Head	13	750	60.85	5,933	--	Interest on land 13/	Dol	--	--	--	186,264	541.47																																																																																																																																																																																																																																											
Cull cows	Head	50	1,000	39.71	19,855	--	Total other costs	Dol	--	--	--	249,111	724.16																																																																																																																																																																																																																																											
Total sales	Head	--	--	--	93,784	272.63	Total all costs	Dol	--	--	--	314,021	912.85																																																																																																																																																																																																																																											
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																	
Federal grazing fees 3/	AM	357.0	--	1.86	664	1.93	Return above cash costs and family labor	Dol	--	--	--	28,874	83.94																																																																																																																																																																																																																																											
Private pasture lease	AUM	145.0	--	8.90	1,291	3.75	Return to total investment 14/	Dol	--	--	--	-1,606	-4.67																																																																																																																																																																																																																																											
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-33,973	-98.76																																																																																																																																																																																																																																											
State land lease	AUM	--	--	--	--	--																																																																																																																																																																																																																																																		
Irrigated pasture	AUM	--	--	--	--	--																																																																																																																																																																																																																																																		
Hay produced	Ton	769.6	--	33.59	25,851	75.15																																																																																																																																																																																																																																																		
Hay purchased	Ton	--	--	--	--	--																																																																																																																																																																																																																																																		
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td>Feed source:</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>67.0</td> <td>91.0</td> <td>102.0</td> <td>86.0</td> <td>11.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>32.0</td> <td>36.0</td> <td>38.0</td> <td>36.0</td> <td>3.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>539.0</td> <td>447.1</td> <td>415.0</td> <td>400.0</td> <td>201.7</td> <td>200.5</td> <td>--</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>201.7</td> <td>305.5</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>117.4</td> <td>128.8</td> <td>139.0</td> <td>150.5</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>116.5</td> <td>117.4</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td colspan="14">Marketing month:</td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>150</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>75</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>13</td> <td>--</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>50</td> <td>--</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:													National Forest 16/	AM	--	--	--	--	67.0	91.0	102.0	86.0	11.0	--	--	Bureau of Land Management 16/	AM	--	--	--	--	--	--	--	--	--	--	--	Pasture rent/lease 17/	AUM	--	--	--	--	32.0	36.0	38.0	36.0	3.0	--	--	State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--	Deeded rangeland 17/	AUM	--	--	--	--	539.0	447.1	415.0	400.0	201.7	200.5	--	Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	201.7	305.5	--	Hay	Ton	117.4	128.8	139.0	150.5	--	--	--	--	--	116.5	117.4	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--	Marketing month:														Steer calves	Head	--	--	--	--	--	--	--	--	--	150	--	Heifer calves	Head	--	--	--	--	--	--	--	--	--	75	--	Yearling steers	Head	--	--	--	--	--	--	--	--	--	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	--	13	--	--	Cull cows	Head	--	--	--	--	--	--	--	--	50	--	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																												
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National Forest 16/	AM	--	--	--	--	67.0	91.0	102.0	86.0	11.0	--	--																																																																																																																																																																																																																																												
Bureau of Land Management 16/	AM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																												
Pasture rent/lease 17/	AUM	--	--	--	--	32.0	36.0	38.0	36.0	3.0	--	--																																																																																																																																																																																																																																												
State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																												
Deeded rangeland 17/	AUM	--	--	--	--	539.0	447.1	415.0	400.0	201.7	200.5	--																																																																																																																																																																																																																																												
Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																												
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	201.7	305.5	--																																																																																																																																																																																																																																												
Hay	Ton	117.4	128.8	139.0	150.5	--	--	--	--	--	116.5	117.4																																																																																																																																																																																																																																												
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																												
Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																												
Marketing month:																																																																																																																																																																																																																																																								
Steer calves	Head	--	--	--	--	--	--	--	--	--	150	--																																																																																																																																																																																																																																												
Heifer calves	Head	--	--	--	--	--	--	--	--	--	75	--																																																																																																																																																																																																																																												
Yearling steers	Head	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																												
Yearling heifers	Head	--	--	--	--	--	--	--	--	13	--	--																																																																																																																																																																																																																																												
Cull cows	Head	--	--	--	--	--	--	--	--	50	--	--																																																																																																																																																																																																																																												

Table 38--Beef cow enterprises with up to 99 cows, Nezperce National Forest, Southern Idaho Panhandle, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																										
Production:							Cash costs--Continued																																																																																																																																																																																																																																																
Bred cows 1/	Head	51	--	--	--	--	Protein supplement 5/	Ton	4.0	--	228.20	913	17.90																																																																																																																																																																																																																																										
Annual cow loss	Head	3	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																										
Cows culled	Head	4	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--																																																																																																																																																																																																																																										
Calves born alive	Head	44	--	--	--	--	Salt and mineral	Cwt	17.9	--	4.33	78	1.53																																																																																																																																																																																																																																										
Calves lost birth to weaning	Head	2	--	--	--	--	Veterinary & medicine	Dol	--	--	--	462	9.06																																																																																																																																																																																																																																										
Steer calves weaned	Head	21	--	--	--	--	Hired trucking	Dol	--	--	--	92	1.80																																																																																																																																																																																																																																										
Sold as weaners	Head	21	--	--	--	--	Marketing 6/	Dol	--	--	--	285	5.59																																																																																																																																																																																																																																										
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	Dol	--	--	--	837	16.41																																																																																																																																																																																																																																										
Sold as yearlings	Head	--	--	--	--	--	Hired labor	Hrs	101.0	--	4.17	421	8.25																																																																																																																																																																																																																																										
Heifer calves weaned	Head	21	--	--	--	--	Fuel and lubricants	Dol	--	--	--	1,009	19.78																																																																																																																																																																																																																																										
Sold as weaners	Head	12	--	--	--	--	Repairs	Dol	--	--	--	1,132	22.20																																																																																																																																																																																																																																										
Lost after weaning	Head	--	--	--	--	--	Taxes 8/	Dol	--	--	--	740	14.51																																																																																																																																																																																																																																										
Sold as yearlings	Head	2	--	--	--	--	Insurance	Dol	--	--	--	278	5.45																																																																																																																																																																																																																																										
Kept for herd replacement 2/	Head	7	--	--	--	--	Interest on operating capital 9/	Dol	5,151.3	--	0.15	762	14.94																																																																																																																																																																																																																																										
Bulls	Head	3	--	--	--	--	Total cash costs	Dol	--	--	--	10,433	204.56																																																																																																																																																																																																																																										
Sales:							Other costs:																																																																																																																																																																																																																																																
Steer calves	Head	21	450	65.44	6,184	--	Family labor 10/	Hrs	1,020.0	--	4.17	4,253	83.39																																																																																																																																																																																																																																										
Heifer calves	Head	12	400	54.08	2,596	--	Capital replacement 11/	Dol	--	--	--	2,999	58.80																																																																																																																																																																																																																																										
Yearling steers	Head	--	--	--	--	--	Interest on investment other than land 13/	Dol	--	--	--	5,941	116.49																																																																																																																																																																																																																																										
Yearling heifers	Head	2	700	52.12	730	--	Interest on land 13/	Dol	--	--	--	23,966	469.92																																																																																																																																																																																																																																										
Cull cows	Head	4	1,000	39.71	1,588	--	Total other costs	Dol	--	--	--	37,159	728.60																																																																																																																																																																																																																																										
Total sales	Head	--	--	--	11,098	217.61	Total all costs	Dol	--	--	--	47,592	933.17																																																																																																																																																																																																																																										
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																
Federal grazing fees 3/	AM	225.0	--	1.86	419	8.22	Return above cash costs and family labor	Dol	--	--	--	665	13.04																																																																																																																																																																																																																																										
Private pasture lease	AUM	87.9	--	7.98	701	13.75	Return to total investment 14/	Dol	--	--	--	-6,587	-129.16																																																																																																																																																																																																																																										
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-12,528	-245.65																																																																																																																																																																																																																																										
State land lease	AUM	46.5	--	4.72	219	4.29																																																																																																																																																																																																																																																	
Irrigated pasture	AUM	--	--	--	--	--																																																																																																																																																																																																																																																	
Hay produced	Ton	63.6	--	32.78	2,085	40.88																																																																																																																																																																																																																																																	
Hay purchased	Ton	--	--	--	--	--																																																																																																																																																																																																																																																	
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td>Feed source:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>23.0</td> <td>32.0</td> <td>42.0</td> <td>42.0</td> <td>42.0</td> <td>20.0</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>3.0</td> <td>3.0</td> <td>3.0</td> <td>3.0</td> <td>3.0</td> <td>3.0</td> <td>3.0</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>13.1</td> <td>14.1</td> <td>15.1</td> <td>15.5</td> <td>14.6</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>6.9</td> <td>7.5</td> <td>8.0</td> <td>8.2</td> <td>7.7</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>57.0</td> <td>26.3</td> <td>15.4</td> <td>2.5</td> <td>2.9</td> <td>3.0</td> <td>18.0</td> <td>--</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>33.0</td> <td>30.9</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>15.9</td> <td>15.9</td> <td>15.9</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>15.9</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>1.5</td> <td>1.5</td> <td>1.0</td> </tr> <tr> <td>Marketing month:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>21.0</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>12.0</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>2.0</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>4.0</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:													National Forest 16/	AM	--	--	--	--	23.0	32.0	42.0	42.0	42.0	20.0	--	Bureau of Land Management 16/	AM	--	--	--	--	3.0	3.0	3.0	3.0	3.0	3.0	3.0	Pasture rent/lease 17/	AUM	--	--	--	13.1	14.1	15.1	15.5	14.6	--	--	--	State land lease	AUM	--	--	--	6.9	7.5	8.0	8.2	7.7	--	--	--	Deeded rangeland 17/	AUM	--	--	--	57.0	26.3	15.4	2.5	2.9	3.0	18.0	--	Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	33.0	30.9	--	Hay	Ton	15.9	15.9	15.9	--	--	--	--	--	--	--	15.9	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	--	--	--	--	--	--	--	--	1.5	1.5	1.0	Marketing month:													Steer calves	Head	--	--	--	--	--	--	--	--	--	21.0	--	Heifer calves	Head	--	--	--	--	--	--	--	--	--	12.0	--	Yearling steers	Head	--	--	--	--	--	--	--	--	--	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	--	--	2.0	--	Cull cows	Head	--	--	--	--	--	--	--	--	--	4.0	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																											
Feed source:																																																																																																																																																																																																																																																							
National Forest 16/	AM	--	--	--	--	23.0	32.0	42.0	42.0	42.0	20.0	--																																																																																																																																																																																																																																											
Bureau of Land Management 16/	AM	--	--	--	--	3.0	3.0	3.0	3.0	3.0	3.0	3.0																																																																																																																																																																																																																																											
Pasture rent/lease 17/	AUM	--	--	--	13.1	14.1	15.1	15.5	14.6	--	--	--																																																																																																																																																																																																																																											
State land lease	AUM	--	--	--	6.9	7.5	8.0	8.2	7.7	--	--	--																																																																																																																																																																																																																																											
Deeded rangeland 17/	AUM	--	--	--	57.0	26.3	15.4	2.5	2.9	3.0	18.0	--																																																																																																																																																																																																																																											
Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	33.0	30.9	--																																																																																																																																																																																																																																											
Hay	Ton	15.9	15.9	15.9	--	--	--	--	--	--	--	15.9																																																																																																																																																																																																																																											
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Protein supplement	Ton	--	--	--	--	--	--	--	--	1.5	1.5	1.0																																																																																																																																																																																																																																											
Marketing month:																																																																																																																																																																																																																																																							
Steer calves	Head	--	--	--	--	--	--	--	--	--	21.0	--																																																																																																																																																																																																																																											
Heifer calves	Head	--	--	--	--	--	--	--	--	--	12.0	--																																																																																																																																																																																																																																											
Yearling steers	Head	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Yearling heifers	Head	--	--	--	--	--	--	--	--	--	2.0	--																																																																																																																																																																																																																																											
Cull cows	Head	--	--	--	--	--	--	--	--	--	4.0	--																																																																																																																																																																																																																																											

Table 39--Beef cow enterprises of 100-399 cows, Nez Perce National Forest, Idaho Panhandle, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																												
Production:							Cash costs--Continued																																																																																																																																																																																																																																																		
Bred cows 1/	Head	203	--	--	--	--	Protein supplement 5/	Ton	30.5	--	228.20	6,960	34.29																																																																																																																																																																																																																																												
Annual cow loss	Head	10	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																												
Cows culled	Head	31	--	--	--	--	Other feed	Ton	--	--	--	--	--																																																																																																																																																																																																																																												
Calves born alive	Head	175	--	--	--	--	Salt and mineral	Cwt	71.1	--	4.33	308	1.52																																																																																																																																																																																																																																												
Calves lost birth to weaning	Head	9	--	--	--	--	Veterinary & medicine	Dol	--	--	--	2,209	10.88																																																																																																																																																																																																																																												
Steer calves weaned	Head	83	--	--	--	--	Hired trucking	Dol	--	--	--	347	1.71																																																																																																																																																																																																																																												
Sold as weaners	Head	68	--	--	--	--	Marketing 6/	Dol	--	--	--	1,074	5.29																																																																																																																																																																																																																																												
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	Dol	--	--	--	2,762	13.61																																																																																																																																																																																																																																												
Sold as yearlings	Head	15	--	--	--	--	Hired labor	Hrs	644.0	--	4.17	2,685	13.23																																																																																																																																																																																																																																												
Heifer calves weaned	Head	83	--	--	--	--	Fuel and lubricants	Dol	--	--	--	5,336	26.29																																																																																																																																																																																																																																												
Sold as weaners	Head	29	--	--	--	--	Repairs	Dol	--	--	--	5,673	27.95																																																																																																																																																																																																																																												
Lost after weaning	Head	1	--	--	--	--	Taxes 8/	Dol	--	--	--	2,551	12.57																																																																																																																																																																																																																																												
Sold as yearlings	Head	12	--	--	--	--	Insurance	Dol	--	--	--	1,073	5.29																																																																																																																																																																																																																																												
Kept for herd replacement 2/	Head	41	--	--	--	--	Interest on operating capital 9/	Dol	23,701.4	--	.15	3,508	17.28																																																																																																																																																																																																																																												
Bulls	Head	10	--	--	--	--	Total cash costs	Dol	--	--	--	49,842	245.53																																																																																																																																																																																																																																												
Sales:							Other costs:																																																																																																																																																																																																																																																		
Steer calves	Head	68	450	65.44	20,025	--	Family labor 10/	Hrs	3,437.0	--	4.17	14,332	70.60																																																																																																																																																																																																																																												
Heifer calves	Head	29	400	56.00	6,496	--	Capital replacement 11/	Dol	--	--	--	10,105	49.78																																																																																																																																																																																																																																												
Yearling steers	Head	15	800	62.00	7,440	--	Interest on investment other than land 13/	Dol	--	--	--	22,722	111.93																																																																																																																																																																																																																																												
Yearling heifers	Head	12	700	56.56	4,751	--	Interest on land 13/	Dol	--	--	--	79,395	391.11																																																																																																																																																																																																																																												
Cull cows	Head	31	900	39.71	11,079	--	Total other costs	Dol	--	--	--	126,554	623.42																																																																																																																																																																																																																																												
Total sales	Head	--	--	--	49,791	245.28	Total all costs	Dol	--	--	--	176,396	868.95																																																																																																																																																																																																																																												
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																		
Federal grazing fees 3/	AM	891.0	--	1.86	1,657	8.16	and family labor	Dol	--	--	--	-14,383	-70.85																																																																																																																																																																																																																																												
Private pasture lease 4/	AUM	489.0	--	7.98	3,902	19.22	Return to total investment 14/	Dol	--	--	--	-24,488	-120.63																																																																																																																																																																																																																																												
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-47,210	-232.56																																																																																																																																																																																																																																												
State land lease	AUM	48.9	--	4.72	231	1.14																																																																																																																																																																																																																																																			
Irrigated pasture	AUM	--	--	--	--	--																																																																																																																																																																																																																																																			
Hay produced	Ton	189.0	--	32.78	6,195	30.52																																																																																																																																																																																																																																																			
Hay purchased	Ton	63.4	--	53.17	3,371	16.61																																																																																																																																																																																																																																																			
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td colspan="14">Feed source:</td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>21.0</td> <td>97.0</td> <td>149.0</td> <td>151.0</td> <td>140.0</td> <td>115.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>25.0</td> <td>25.0</td> <td>25.0</td> <td>27.0</td> <td>25.0</td> <td>13.0</td> <td>13.0</td> <td>10.0</td> <td>10.0</td> <td>9.0</td> <td>11.0</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>63.8</td> <td>68.6</td> <td>73.6</td> <td>75.2</td> <td>76.0</td> <td>72.4</td> <td>59.4</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>6.4</td> <td>6.9</td> <td>7.4</td> <td>7.5</td> <td>7.6</td> <td>7.2</td> <td>5.9</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>213.7</td> <td>205.4</td> <td>128.4</td> <td>59.8</td> <td>64.3</td> <td>79.8</td> <td>48.0</td> <td>--</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>219.8</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>63.1</td> <td>63.1</td> <td>63.1</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>63.1</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>3.1</td> <td>7.3</td> <td>10.8</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>3.1</td> <td>3.1</td> <td>3.1</td> </tr> <tr> <td colspan="14">Marketing month:</td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>68</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>29</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>15</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>7</td> <td>5</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>31</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:														National Forest 16/	AM	--	--	--	21.0	97.0	149.0	151.0	140.0	115.0	--	--	Bureau of Land Management 16/	AM	25.0	25.0	25.0	27.0	25.0	13.0	13.0	10.0	10.0	9.0	11.0	Pasture rent/lease 17/	AUM	--	--	--	63.8	68.6	73.6	75.2	76.0	72.4	59.4	--	State land lease	AUM	--	--	--	6.4	6.9	7.4	7.5	7.6	7.2	5.9	--	Deeded rangeland 17/	AUM	--	--	--	213.7	205.4	128.4	59.8	64.3	79.8	48.0	--	Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	219.8	--	Hay	Ton	63.1	63.1	63.1	--	--	--	--	--	--	--	63.1	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	3.1	7.3	10.8	--	--	--	--	--	3.1	3.1	3.1	Marketing month:														Steer calves	Head	--	--	--	--	--	--	--	--	--	68	--	Heifer calves	Head	--	--	--	--	--	--	--	--	--	29	--	Yearling steers	Head	--	--	--	--	--	--	--	--	15	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	--	7	5	--	Cull cows	Head	--	--	--	--	--	--	--	--	--	31	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																													
Feed source:																																																																																																																																																																																																																																																									
National Forest 16/	AM	--	--	--	21.0	97.0	149.0	151.0	140.0	115.0	--	--																																																																																																																																																																																																																																													
Bureau of Land Management 16/	AM	25.0	25.0	25.0	27.0	25.0	13.0	13.0	10.0	10.0	9.0	11.0																																																																																																																																																																																																																																													
Pasture rent/lease 17/	AUM	--	--	--	63.8	68.6	73.6	75.2	76.0	72.4	59.4	--																																																																																																																																																																																																																																													
State land lease	AUM	--	--	--	6.4	6.9	7.4	7.5	7.6	7.2	5.9	--																																																																																																																																																																																																																																													
Deeded rangeland 17/	AUM	--	--	--	213.7	205.4	128.4	59.8	64.3	79.8	48.0	--																																																																																																																																																																																																																																													
Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	219.8	--																																																																																																																																																																																																																																													
Hay	Ton	63.1	63.1	63.1	--	--	--	--	--	--	--	63.1																																																																																																																																																																																																																																													
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Protein supplement	Ton	3.1	7.3	10.8	--	--	--	--	--	3.1	3.1	3.1																																																																																																																																																																																																																																													
Marketing month:																																																																																																																																																																																																																																																									
Steer calves	Head	--	--	--	--	--	--	--	--	--	68	--																																																																																																																																																																																																																																													
Heifer calves	Head	--	--	--	--	--	--	--	--	--	29	--																																																																																																																																																																																																																																													
Yearling steers	Head	--	--	--	--	--	--	--	--	15	--	--																																																																																																																																																																																																																																													
Yearling heifers	Head	--	--	--	--	--	--	--	--	7	5	--																																																																																																																																																																																																																																													
Cull cows	Head	--	--	--	--	--	--	--	--	--	31	--																																																																																																																																																																																																																																													

Table 40--Beef cow enterprises with 400 or more cows, Nez Perce National Forest, Southern Idaho Panhandle, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																											
Production:							Cash costs--Continued																																																																																																																																																																																																																																																	
Bred cows 1/	Head	916	--	--	--	--	Protein supplement 5/	Ton	56.4	--	228.2	12,870	14.05																																																																																																																																																																																																																																											
Annual cow loss	Head	46	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																											
Cows culled	Head	160	--	--	--	--	Other feed	Ton	--	--	--	--	--																																																																																																																																																																																																																																											
Calves born alive	Head	788	--	--	--	--	Salt and mineral	Cwt	320.6	--	4.33	1,388	1.52																																																																																																																																																																																																																																											
Calves lost birth to weaning	Head	39	--	--	--	--	Veterinary & medicine	Dol	--	--	--	6,304	6.88																																																																																																																																																																																																																																											
Steer calves weaned	Head	374	--	--	--	--	Hired trucking	Dol	--	--	--	2,613	2.85																																																																																																																																																																																																																																											
Sold as weaners	Head	307	--	--	--	--	Marketing 6/	Dol	--	--	--	2,366	2.58																																																																																																																																																																																																																																											
Lost after weaning	Head	1	--	--	--	--	General overhead 7/	Dol	--	--	--	11,529	12.59																																																																																																																																																																																																																																											
Sold as yearlings	Head	66	--	--	--	--	Hired labor	Hrs	4,241.0	--	4.17	17,685	19.31																																																																																																																																																																																																																																											
Heifer calves weaned	Head	375	--	--	--	--	Fuel and lubricants	Dol	--	--	--	9,011	9.84																																																																																																																																																																																																																																											
Sold as weaners	Head	73	--	--	--	--	Repairs	Dol	--	--	--	13,544	14.79																																																																																																																																																																																																																																											
Lost after weaning	Head	6	--	--	--	--	Taxes 8/	Dol	--	--	--	11,082	12.10																																																																																																																																																																																																																																											
Sold as yearlings	Head	90	--	--	--	--	Insurance	Dol	--	--	--	4,233	4.62																																																																																																																																																																																																																																											
Kept for herd replacement 2/	Head	206	--	--	--	--	Interest on operating capital 9/	Dol	82,275.6	--	0.15	12,177	13.29																																																																																																																																																																																																																																											
Bulls	Head	45	--	--	--	--	Total cash costs	Dol	--	--	--	175,909	192.04																																																																																																																																																																																																																																											
Sales:							Other costs:																																																																																																																																																																																																																																																	
Steer calves	Head	307	450	65.44	90,405	--	Family labor 10/	Hrs	8,006.0	--	4.17	33,385	36.45																																																																																																																																																																																																																																											
Heifer calves	Head	73	400	56.00	16,352	--	Capital replacement 11/	Dol	--	--	--	35,484	38.74																																																																																																																																																																																																																																											
Yearling steers	Head	66	800	62.00	32,736	--	Interest on investment other than land 13/	Dol	--	--	--	118,222	129.06																																																																																																																																																																																																																																											
Yearling heifers	Head	90	700	56.56	35,633	--	Interest on land 13/	Dol	--	--	--	310,948	339.46																																																																																																																																																																																																																																											
Cull cows	Head	160	1,000	39.71	63,536	--	Total other costs	Dol	--	--	--	498,039	543.71																																																																																																																																																																																																																																											
Total sales	Head	--	--	--	238,662	260.55	Total all costs	Dol	--	--	--	673,948	735.75																																																																																																																																																																																																																																											
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																	
Federal grazing fees 3/	AM	2,999.0	--	1.86	5,578	6.09	Return above cash costs and family labor investment 14/	Dol	--	--	--	62,753	68.51																																																																																																																																																																																																																																											
Private pasture lease	AUM	2,204.6	--	7.98	17,593	19.21	Return to land 15/	Dol	--	--	--	29,368	32.06																																																																																																																																																																																																																																											
Other pasture lease 4/	AUM	--	--	--	--	--	Return to total investment 14/	Dol	--	--	--	-6,116	-6.68																																																																																																																																																																																																																																											
State land lease	AUM	220.5	--	4.72	1,041	1.14	Return to land 15/	Dol	--	--	--	-124,338	-135.74																																																																																																																																																																																																																																											
Irrigated pasture	AUM	--	--	--	--	--																																																																																																																																																																																																																																																		
Hay produced	Ton	545.6	--	32.78	17,885	19.53																																																																																																																																																																																																																																																		
Hay purchased	Ton	545.6	--	53.17	29,010	31.67																																																																																																																																																																																																																																																		
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td>Feed source:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>84.0</td> <td>84.0</td> <td>92.0</td> <td>92.0</td> <td>147.0</td> <td>206.0</td> <td>189.0</td> <td>189.0</td> <td>157.0</td> <td>64.0</td> <td>84.0</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>140.0</td> <td>140.0</td> <td>140.0</td> <td>147.0</td> <td>13.0</td> <td>13.0</td> <td>134.0</td> <td>134.0</td> <td>147.0</td> <td>140.0</td> <td>140.0</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>288.0</td> <td>309.6</td> <td>331.6</td> <td>338.4</td> <td>342.0</td> <td>268.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>28.8</td> <td>31.0</td> <td>33.2</td> <td>33.8</td> <td>34.2</td> <td>32.7</td> <td>26.8</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>812.7</td> <td>991.3</td> <td>977.7</td> <td>854.3</td> <td>868.3</td> <td>839.3</td> <td>300.3</td> <td>--</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>300.3</td> <td>874.5</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>261.8</td> <td>283.8</td> <td>283.8</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>261.8</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>6.6</td> <td>9.3</td> <td>20.7</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>6.6</td> <td>6.6</td> <td>6.6</td> </tr> <tr> <td colspan="14">Marketing month:</td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>307</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>73</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>66</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>43</td> <td>--</td> <td>47</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>80</td> <td>--</td> <td>--</td> <td>--</td> <td>80</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:													National Forest 16/	AM	84.0	84.0	92.0	92.0	147.0	206.0	189.0	189.0	157.0	64.0	84.0	Bureau of Land Management 16/	AM	140.0	140.0	140.0	147.0	13.0	13.0	134.0	134.0	147.0	140.0	140.0	Pasture rent/lease 17/	AUM	--	--	--	288.0	309.6	331.6	338.4	342.0	268.0	--	--	State land lease	AUM	--	--	--	28.8	31.0	33.2	33.8	34.2	32.7	26.8	--	Deeded rangeland 17/	AUM	--	--	--	812.7	991.3	977.7	854.3	868.3	839.3	300.3	--	Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	300.3	874.5	--	Hay	Ton	261.8	283.8	283.8	--	--	--	--	--	--	--	261.8	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	6.6	9.3	20.7	--	--	--	--	--	6.6	6.6	6.6	Marketing month:														Steer calves	Head	--	--	--	--	--	--	--	--	--	307	--	Heifer calves	Head	--	--	--	--	--	--	--	--	--	73	--	Yearling steers	Head	--	--	--	--	--	--	--	66	--	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	43	--	47	--	Cull cows	Head	--	--	--	--	--	80	--	--	--	80	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																												
Feed source:																																																																																																																																																																																																																																																								
National Forest 16/	AM	84.0	84.0	92.0	92.0	147.0	206.0	189.0	189.0	157.0	64.0	84.0																																																																																																																																																																																																																																												
Bureau of Land Management 16/	AM	140.0	140.0	140.0	147.0	13.0	13.0	134.0	134.0	147.0	140.0	140.0																																																																																																																																																																																																																																												
Pasture rent/lease 17/	AUM	--	--	--	288.0	309.6	331.6	338.4	342.0	268.0	--	--																																																																																																																																																																																																																																												
State land lease	AUM	--	--	--	28.8	31.0	33.2	33.8	34.2	32.7	26.8	--																																																																																																																																																																																																																																												
Deeded rangeland 17/	AUM	--	--	--	812.7	991.3	977.7	854.3	868.3	839.3	300.3	--																																																																																																																																																																																																																																												
Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																												
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	300.3	874.5	--																																																																																																																																																																																																																																												
Hay	Ton	261.8	283.8	283.8	--	--	--	--	--	--	--	261.8																																																																																																																																																																																																																																												
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																												
Protein supplement	Ton	6.6	9.3	20.7	--	--	--	--	--	6.6	6.6	6.6																																																																																																																																																																																																																																												
Marketing month:																																																																																																																																																																																																																																																								
Steer calves	Head	--	--	--	--	--	--	--	--	--	307	--																																																																																																																																																																																																																																												
Heifer calves	Head	--	--	--	--	--	--	--	--	--	73	--																																																																																																																																																																																																																																												
Yearling steers	Head	--	--	--	--	--	--	--	66	--	--	--																																																																																																																																																																																																																																												
Yearling heifers	Head	--	--	--	--	--	--	--	43	--	47	--																																																																																																																																																																																																																																												
Cull cows	Head	--	--	--	--	--	80	--	--	--	80	--																																																																																																																																																																																																																																												

Table 41--Beef cow enterprises of all sizes, Arapaho National Forest, Central Colorado, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																												
Production:							Cash costs--Continued																																																																																																																																																																																																																																																		
Bred cows 1/	Head	199	--	--	--	--	Protein supplement 5/	Ton	64.5	--	193.00	12,449	62.56																																																																																																																																																																																																																																												
Annual cow loss	Head	6	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																												
Cows culled	Head	14	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--																																																																																																																																																																																																																																												
Calves born alive	Head	173	--	--	--	--	Salt and mineral	Cwt	69.7	--	4.57	319	1.60																																																																																																																																																																																																																																												
Calves lost birth to weaning	Head	9	--	--	--	--	Veterinary & medicine	Dol	--	--	--	2,168	10.89																																																																																																																																																																																																																																												
Steer calves weaned	Head	82	--	--	--	--	Hired trucking	Dol	--	--	--	341	1.71																																																																																																																																																																																																																																												
Sold as weaners	Head	42	--	--	--	--	Marketing 6/	Dol	--	--	--	1,053	5.29																																																																																																																																																																																																																																												
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	Dol	--	--	--	1,702	8.55																																																																																																																																																																																																																																												
Sold as yearlings	Head	40	--	--	--	--	Hired labor	Hrs	631.0	--	4.22	2,663	13.38																																																																																																																																																																																																																																												
Heifer calves weaned	Head	82	--	--	--	--	Fuel and lubricants	Dol	--	--	--	3,728	18.73																																																																																																																																																																																																																																												
Sold as weaners	Head	32	--	--	--	--	Repairs	Dol	--	--	--	3,826	19.23																																																																																																																																																																																																																																												
Lost after weaning	Head	2	--	--	--	--	Taxes 8/	Dol	--	--	--	1,953	9.81																																																																																																																																																																																																																																												
Sold as yearlings	Head	28	--	--	--	--	Insurance	Dol	--	--	--	1,036	5.21																																																																																																																																																																																																																																												
Kept for herd replacement 2/	Head	20	--	--	--	--	Interest on operating capital 9/	Dol	25,615.48	--	0.15	3,945	19.82																																																																																																																																																																																																																																												
Bulls	Head	10	--	--	--	--	Total cash costs	Dol	--	--	--	54,038	271.55																																																																																																																																																																																																																																												
Sales:							Other costs:																																																																																																																																																																																																																																																		
Steer calves	Head	42	401	68.01	11,454	--	Family labor 10/	Hrs	3,369.0	--	4.22	14,217	71.44																																																																																																																																																																																																																																												
Heifer calves	Head	32	376	61.71	7,425	--	Capital replacement 11/	Dol	--	--	--	7,208	36.22																																																																																																																																																																																																																																												
Yearling steers	Head	40	698	64.43	17,989	--	Interest on investment other than land 13/	Dol	--	--	--	19,709	99.04																																																																																																																																																																																																																																												
Yearling heifers	Head	28	642	58.42	10,502	--	Interest on land 13/	Dol	--	--	--	107,517	540.29																																																																																																																																																																																																																																												
Cull cows	Head	14	1,034	37.71	5,459	--	Total other costs	Dol	--	--	--	148,651	746.99																																																																																																																																																																																																																																												
Total sales	Head	--	--	--	52,829	265.47	Total all costs	Dol	--	--	--	202,689	1018.54																																																																																																																																																																																																																																												
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																		
Federal grazing fees 3/	AM	418.0	--	1.86	777	3.91	Return above cash costs:	Dol	--	--	--	-1,209	-6.08																																																																																																																																																																																																																																												
Private pasture lease	AUM	--	--	--	--	--	Return above cash costs:	Dol	--	--	--	-15,426	-77.52																																																																																																																																																																																																																																												
Other pasture lease 4/	AUM	--	--	--	--	--	and family labor	Dol	--	--	--	--	--																																																																																																																																																																																																																																												
State land lease	AUM	--	--	--	--	--	Return to total investment 14/	Dol	--	--	--	-22,634	-113.73																																																																																																																																																																																																																																												
Irrigated pasture	AUM	252.1	--	4.48	1,129	5.68	Return to land 15/	Dol	--	--	--	-42,343	-212.78																																																																																																																																																																																																																																												
Hay produced	Ton	396.0	--	42.80	16,949	85.17																																																																																																																																																																																																																																																			
Hay purchased	Ton	--	--	--	--	--																																																																																																																																																																																																																																																			
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td colspan="14">Feed source:</td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>36.0</td> <td>33.0</td> <td>37.0</td> <td>39.0</td> <td>12.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>17.0</td> <td>78.0</td> <td>56.0</td> <td>56.0</td> <td>41.0</td> <td>13.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>264.9</td> <td>144.0</td> <td>187.7</td> <td>186.0</td> <td>213.3</td> <td>220.1</td> <td>--</td> <td>--</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>59.0</td> <td>63.1</td> <td>64.6</td> <td>65.4</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>48.0</td> <td>38.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>66.0</td> <td>66.0</td> <td>66.0</td> <td>66.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>66.0</td> <td>66.0</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>6.4</td> <td>11.2</td> <td>15.0</td> <td>19.9</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>5.6</td> <td>6.4</td> </tr> <tr> <td colspan="14">Marketing month:</td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>42.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>32.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>40.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>28.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>14.0</td> <td>--</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:														National Forest 16/	AM	--	--	--	--	36.0	33.0	37.0	39.0	12.0	--	--	Bureau of Land Management 16/	AM	--	--	--	17.0	78.0	56.0	56.0	41.0	13.0	--	--	Pasture rent/lease 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--	Deeded rangeland 17/	AUM	--	--	--	264.9	144.0	187.7	186.0	213.3	220.1	--	--	Irrigated pasture 17/	AUM	--	--	--	59.0	63.1	64.6	65.4	--	--	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	48.0	38.0	--	--	Hay	Ton	66.0	66.0	66.0	66.0	--	--	--	--	--	66.0	66.0	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	6.4	11.2	15.0	19.9	--	--	--	--	--	5.6	6.4	Marketing month:														Steer calves	Head	--	--	--	--	--	--	--	--	42.0	--	--	Heifer calves	Head	--	--	--	--	--	--	--	--	32.0	--	--	Yearling steers	Head	--	--	--	--	--	--	--	--	40.0	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	--	28.0	--	--	Cull cows	Head	--	--	--	--	--	--	--	--	14.0	--	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																													
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Bureau of Land Management 16/	AM	--	--	--	17.0	78.0	56.0	56.0	41.0	13.0	--	--																																																																																																																																																																																																																																													
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Irrigated pasture 17/	AUM	--	--	--	59.0	63.1	64.6	65.4	--	--	--	--																																																																																																																																																																																																																																													
Crop residue 17/	AUM	--	--	--	--	--	--	--	48.0	38.0	--	--																																																																																																																																																																																																																																													
Hay	Ton	66.0	66.0	66.0	66.0	--	--	--	--	--	66.0	66.0																																																																																																																																																																																																																																													
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Protein supplement	Ton	6.4	11.2	15.0	19.9	--	--	--	--	--	5.6	6.4																																																																																																																																																																																																																																													
Marketing month:																																																																																																																																																																																																																																																									
Steer calves	Head	--	--	--	--	--	--	--	--	42.0	--	--																																																																																																																																																																																																																																													
Heifer calves	Head	--	--	--	--	--	--	--	--	32.0	--	--																																																																																																																																																																																																																																													
Yearling steers	Head	--	--	--	--	--	--	--	--	40.0	--	--																																																																																																																																																																																																																																													
Yearling heifers	Head	--	--	--	--	--	--	--	--	28.0	--	--																																																																																																																																																																																																																																													
Cull cows	Head	--	--	--	--	--	--	--	--	14.0	--	--																																																																																																																																																																																																																																													

Table 42--Beef cow enterprises with up to 199 cows, Bighorn National Forest, North-Central Wyoming, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																												
Production:							Cash costs--Continued																																																																																																																																																																																																																																																		
Bred cows 1/	Head	129	--	--	--	--	Protein supplement 5/	Ton	7.2	--	218.40	1,572	12.19																																																																																																																																																																																																																																												
Annual cow loss	Head	3	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																												
Cows culled	Head	16	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--																																																																																																																																																																																																																																												
Calves born alive	Head	114	--	--	--	--	Salt and mineral	Cwt	45.2	--	3.91	177	1.37																																																																																																																																																																																																																																												
Calves lost birth to weaning	Head	4	--	--	--	--	Veterinary & medicine	Dol	--	--	--	566	4.39																																																																																																																																																																																																																																												
Steer calves weaned	Head	55	--	--	--	--	Hired trucking	Dol	--	--	--	233	1.81																																																																																																																																																																																																																																												
Sold as weaners	Head	27	--	--	--	--	Marketing 6/	Dol	--	--	--	442	3.43																																																																																																																																																																																																																																												
Lost after weaning	Head	1	--	--	--	--	General overhead 7/	Dol	--	--	--	1,382	10.71																																																																																																																																																																																																																																												
Sold as yearlings	Head	27	--	--	--	--	Hired labor	Hrs	256.0	--	4.13	1,057	8.19																																																																																																																																																																																																																																												
Heifer calves weaned	Head	55	--	--	--	--	Fuel and lubricants	Dol	--	--	--	2,477	19.20																																																																																																																																																																																																																																												
Sold as weaners	Head	16	--	--	--	--	Repairs	Dol	--	--	--	1,713	13.28																																																																																																																																																																																																																																												
Lost after weaning	Head	--	--	--	--	--	Taxes 8/	Dol	--	--	--	1,298	10.06																																																																																																																																																																																																																																												
Sold as yearlings	Head	20	--	--	--	--	Insurance	Dol	--	--	--	732	5.67																																																																																																																																																																																																																																												
Kept for herd replacement 2/	Head	19	--	--	--	--	Interest on operating capital 9/	Dol	11,752.1	--	0.16	1,845	14.30																																																																																																																																																																																																																																												
Bulls	Head	6	--	--	--	--	Total cash costs	Dol	--	--	--	22,699	175.96																																																																																																																																																																																																																																												
Sales:							Other costs:																																																																																																																																																																																																																																																		
Steer calves	Head	27	440	68.01	8,080	--	Family labor 10/	Hrs	1,163.0	--	4.13	4,803	37.23																																																																																																																																																																																																																																												
Heifer calves	Head	16	400	59.70	3,821	--	Capital replacement 11/	Dol	--	--	--	5,709	44.26																																																																																																																																																																																																																																												
Yearling steers	Head	27	780	63.39	13,350	--	Interest on investment other than land 13/	Dol	--	--	--	14,169	109.84																																																																																																																																																																																																																																												
Yearling heifers	Head	20	690	58.42	8,062	--	Interest on land 13/	Dol	--	--	--	69,781	540.94																																																																																																																																																																																																																																												
Cull cows	Head	16	1,050	37.71	6,335	--	Total other costs	Dol	--	--	--	94,462	732.26																																																																																																																																																																																																																																												
Total sales	Head	--	--	--	39,648	307.35	Total all costs	Dol	--	--	--	117,161	908.22																																																																																																																																																																																																																																												
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																		
Federal grazing fees 3/	AM	484.0	--	1.86	900	6.98	Return above cash costs and family labor	Dol	--	--	--	16,949	131.39																																																																																																																																																																																																																																												
Private pasture lease	AUM	76.0	--	8.46	643	4.98	Return to total investment 14/	Dol	--	--	--	12,146	94.16																																																																																																																																																																																																																																												
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	6,437	49.90																																																																																																																																																																																																																																												
State land lease	AUM	38.0	--	1.44	55	0.43					--	-7,732	-59.94																																																																																																																																																																																																																																												
Irrigated pasture	AUM	--	--	--	--	--																																																																																																																																																																																																																																																			
Hay produced	Ton	177.1	--	35.06	6,209	48.13																																																																																																																																																																																																																																																			
Hay purchased	Ton	21.9	--	63.83	1,398	10.84																																																																																																																																																																																																																																																			
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td colspan="14">Feed source:</td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>22.0</td> <td>72.0</td> <td>78.0</td> <td>68.0</td> <td>22.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>13.0</td> <td>47.0</td> <td>50.0</td> <td>20.0</td> <td>16.0</td> <td>21.0</td> <td>24.0</td> <td>15.0</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>36.0</td> <td>24.0</td> <td>--</td> <td>--</td> <td>--</td> <td>16.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>18.0</td> <td>12.0</td> <td>--</td> <td>--</td> <td>--</td> <td>8.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>142.0</td> <td>127.5</td> <td>139.0</td> <td>115.1</td> <td>116.5</td> <td>128.9</td> <td>105.0</td> <td>--</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>140.0</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>47.3</td> <td>52.5</td> <td>56.3</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>42.9</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>1.8</td> <td>1.8</td> <td>1.8</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>1.8</td> </tr> <tr> <td colspan="14">Marketing month:</td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>27.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>16.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>27.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>20.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>16.0</td> <td>--</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:														National Forest 16/	AM	--	--	--	--	22.0	72.0	78.0	68.0	22.0	--	--	Bureau of Land Management 16/	AM	--	--	--	13.0	47.0	50.0	20.0	16.0	21.0	24.0	15.0	Pasture rent/lease 17/	AUM	--	--	--	36.0	24.0	--	--	--	16.0	--	--	State land lease	AUM	--	--	--	18.0	12.0	--	--	--	8.0	--	--	Deeded rangeland 17/	AUM	--	--	--	142.0	127.5	139.0	115.1	116.5	128.9	105.0	--	Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	140.0	--	Hay	Ton	47.3	52.5	56.3	--	--	--	--	--	--	--	42.9	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	1.8	1.8	1.8	--	--	--	--	--	--	--	1.8	Marketing month:														Steer calves	Head	--	--	--	--	--	--	--	--	27.0	--	--	Heifer calves	Head	--	--	--	--	--	--	--	--	16.0	--	--	Yearling steers	Head	--	--	--	--	--	--	--	--	27.0	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	--	20.0	--	--	Cull cows	Head	--	--	--	--	--	--	--	--	16.0	--	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																													
Feed source:																																																																																																																																																																																																																																																									
National Forest 16/	AM	--	--	--	--	22.0	72.0	78.0	68.0	22.0	--	--																																																																																																																																																																																																																																													
Bureau of Land Management 16/	AM	--	--	--	13.0	47.0	50.0	20.0	16.0	21.0	24.0	15.0																																																																																																																																																																																																																																													
Pasture rent/lease 17/	AUM	--	--	--	36.0	24.0	--	--	--	16.0	--	--																																																																																																																																																																																																																																													
State land lease	AUM	--	--	--	18.0	12.0	--	--	--	8.0	--	--																																																																																																																																																																																																																																													
Deeded rangeland 17/	AUM	--	--	--	142.0	127.5	139.0	115.1	116.5	128.9	105.0	--																																																																																																																																																																																																																																													
Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	140.0	--																																																																																																																																																																																																																																													
Hay	Ton	47.3	52.5	56.3	--	--	--	--	--	--	--	42.9																																																																																																																																																																																																																																													
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Protein supplement	Ton	1.8	1.8	1.8	--	--	--	--	--	--	--	1.8																																																																																																																																																																																																																																													
Marketing month:																																																																																																																																																																																																																																																									
Steer calves	Head	--	--	--	--	--	--	--	--	27.0	--	--																																																																																																																																																																																																																																													
Heifer calves	Head	--	--	--	--	--	--	--	--	16.0	--	--																																																																																																																																																																																																																																													
Yearling steers	Head	--	--	--	--	--	--	--	--	27.0	--	--																																																																																																																																																																																																																																													
Yearling heifers	Head	--	--	--	--	--	--	--	--	20.0	--	--																																																																																																																																																																																																																																													
Cull cows	Head	--	--	--	--	--	--	--	--	16.0	--	--																																																																																																																																																																																																																																													

Table 43—Beef cow enterprises with 200-399 cows, Bighorn National Forest, North-Central Wyoming, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																																												
Production:							Cash costs--Continued																																																																																																																																																																																																																																																																		
Bred cows ^{1/}	Head	246	--	--	--	--	Protein supplement ^{5/}	Ton	10.4	--	218.40	2,271	9.23																																																																																																																																																																																																																																																												
Annual cow loss	Head	9	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																																												
Cows culled	Head	42	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--																																																																																																																																																																																																																																																												
Calves born alive	Head	219	--	--	--	--	Salt and mineral	Cwt	86.1	--	3.91	337	1.37																																																																																																																																																																																																																																																												
Calves lost birth to weaning	Head	8	--	--	--	--	Veterinary & medicine	Dol	--	--	--	1,315	5.35																																																																																																																																																																																																																																																												
Steer calves weaned	Head	105	--	--	--	--	Hired trucking	Dol	--	--	--	650	2.64																																																																																																																																																																																																																																																												
Sold as weaners	Head	59	--	--	--	--	Marketing ^{6/}	Dol	--	--	--	844	3.43																																																																																																																																																																																																																																																												
Lost after weaning	Head	1	--	--	--	--	General overhead ^{7/}	Dol	--	--	--	2,065	8.39																																																																																																																																																																																																																																																												
Sold as yearlings	Head	45	--	--	--	--	Hired labor	Hrs	871.0	--	4.13	3,597	14.62																																																																																																																																																																																																																																																												
Heifer calves weaned	Head	106	--	--	--	--	Fuel and lubricants	Dol	--	--	--	4,249	17.27																																																																																																																																																																																																																																																												
Sold as weaners	Head	29	--	--	--	--	Repairs	Dol	--	--	--	3,659	14.87																																																																																																																																																																																																																																																												
Lost after weaning	Head	1	--	--	--	--	Taxes ^{8/}	Dol	--	--	--	2,398	9.75																																																																																																																																																																																																																																																												
Sold as yearlings	Head	25	--	--	--	--	Insurance	Dol	--	--	--	1,444	5.87																																																																																																																																																																																																																																																												
Kept for herd replacement ^{2/}	Head	51	--	--	--	--	Interest on operating capital ^{9/}	Dol	20,581.3	--	0.16	3,231	13.13																																																																																																																																																																																																																																																												
Bulls	Head	13	--	--	--	--	Total cash costs	Dol	--	--	--	48,215	196.00																																																																																																																																																																																																																																																												
Sales:							Other costs:																																																																																																																																																																																																																																																																		
Steer calves	Head	59	440	68.01	17,655	--	Family labor ^{10/}	Hrs	1,108.0	--	4.13	4,576	18.60																																																																																																																																																																																																																																																												
Heifer calves	Head	29	400	59.70	6,925	--	Capital replacement ^{11/}	Dol	--	--	--	12,721	51.71																																																																																																																																																																																																																																																												
Yearling steers	Head	45	780	63.39	22,250	--	Interest on investment other than land ^{13/}	Dol	--	--	--	28,317	115.11																																																																																																																																																																																																																																																												
Yearling heifers	Head	25	690	58.42	10,077	--	Interest on land ^{13/}	Dol	--	--	--	125,302	509.36																																																																																																																																																																																																																																																												
Cull cows	Head	42	1,050	37.71	16,630	--	Total other costs	Dol	--	--	--	170,916	694.78																																																																																																																																																																																																																																																												
Total sales	Head	--	--	--	73,537	298.93	Total all costs	Dol	--	--	--	219,131	890.78																																																																																																																																																																																																																																																												
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																																		
Federal grazing fees ^{3/}	AM	1,128.0	--	1.86	2,098	8.53	Return above cash costs and family labor investment ^{14/}	Dol	--	--	--	25,322	102.93																																																																																																																																																																																																																																																												
Private pasture lease	AUM	98.0	--	8.46	829	3.37	Return to total investment ^{14/}	Dol	--	--	--	20,746	84.33																																																																																																																																																																																																																																																												
Other pasture lease ^{4/}	AUM	--	--	--	--	--	Return to land ^{15/}	Dol	--	--	--	8,025	32.62																																																																																																																																																																																																																																																												
State land lease	AUM	49.0	--	1.44	71	0.29	Return to land ^{15/}	Dol	--	--	--	-20,292	-82.49																																																																																																																																																																																																																																																												
Irrigated pasture	AUM	--	--	--	--	--																																																																																																																																																																																																																																																																			
Hay produced	Ton	446.1	--	35.06	15,640	63.58																																																																																																																																																																																																																																																																			
Hay purchased	Ton	55.1	--	63.83	3,517	14.30																																																																																																																																																																																																																																																																			
<table border="1"> <thead> <tr> <th colspan="2"></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td colspan="14">Feed source:</td> </tr> <tr> <td>National Forest ^{16/}</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>26.0</td> <td>151.0</td> <td>170.0</td> <td>156.0</td> <td>56.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management ^{16/}</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>54.0</td> <td>111.0</td> <td>109.0</td> <td>58.0</td> <td>52.0</td> <td>52.0</td> <td>52.0</td> <td>50.0</td> <td>31.0</td> </tr> <tr> <td>Pasture rent/lease ^{17/}</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>40.0</td> <td>32.0</td> <td>--</td> <td>--</td> <td>--</td> <td>26.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>20.0</td> <td>16.0</td> <td>--</td> <td>--</td> <td>--</td> <td>13.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland ^{17/}</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>234.5</td> <td>232.4</td> <td>187.0</td> <td>173.4</td> <td>192.0</td> <td>171.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Irrigated pasture ^{17/}</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue ^{17/}</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>271.9</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>94.7</td> <td>104.6</td> <td>111.9</td> <td>104.5</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>85.5</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>2.6</td> <td>2.6</td> <td>2.6</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>2.6</td> </tr> <tr> <td colspan="14">Marketing month:</td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>59.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>29.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>45.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>25.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>42.0</td> <td>--</td> <td>--</td> </tr> </tbody> </table>																Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:														National Forest ^{16/}	AM	--	--	--	--	--	26.0	151.0	170.0	156.0	56.0	--	--	Bureau of Land Management ^{16/}	AM	--	--	--	54.0	111.0	109.0	58.0	52.0	52.0	52.0	50.0	31.0	Pasture rent/lease ^{17/}	AUM	--	--	--	--	40.0	32.0	--	--	--	26.0	--	--	State land lease	AUM	--	--	--	--	20.0	16.0	--	--	--	13.0	--	--	Deeded rangeland ^{17/}	AUM	--	--	--	--	234.5	232.4	187.0	173.4	192.0	171.0	--	--	Irrigated pasture ^{17/}	AUM	--	--	--	--	--	--	--	--	--	--	--	--	Crop residue ^{17/}	AUM	--	--	--	--	--	--	--	--	--	--	271.9	--	Hay	Ton	94.7	104.6	111.9	104.5	--	--	--	--	--	--	--	85.5	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	2.6	2.6	2.6	--	--	--	--	--	--	--	--	2.6	Marketing month:														Steer calves	Head	--	--	--	--	--	--	--	--	--	59.0	--	--	Heifer calves	Head	--	--	--	--	--	--	--	--	--	29.0	--	--	Yearling steers	Head	--	--	--	--	--	--	--	--	--	45.0	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	--	--	25.0	--	--	Cull cows	Head	--	--	--	--	--	--	--	--	--	42.0	--	--
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																																												
Feed source:																																																																																																																																																																																																																																																																									
National Forest ^{16/}	AM	--	--	--	--	--	26.0	151.0	170.0	156.0	56.0	--	--																																																																																																																																																																																																																																																												
Bureau of Land Management ^{16/}	AM	--	--	--	54.0	111.0	109.0	58.0	52.0	52.0	52.0	50.0	31.0																																																																																																																																																																																																																																																												
Pasture rent/lease ^{17/}	AUM	--	--	--	--	40.0	32.0	--	--	--	26.0	--	--																																																																																																																																																																																																																																																												
State land lease	AUM	--	--	--	--	20.0	16.0	--	--	--	13.0	--	--																																																																																																																																																																																																																																																												
Deeded rangeland ^{17/}	AUM	--	--	--	--	234.5	232.4	187.0	173.4	192.0	171.0	--	--																																																																																																																																																																																																																																																												
Irrigated pasture ^{17/}	AUM	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																												
Crop residue ^{17/}	AUM	--	--	--	--	--	--	--	--	--	--	271.9	--																																																																																																																																																																																																																																																												
Hay	Ton	94.7	104.6	111.9	104.5	--	--	--	--	--	--	--	85.5																																																																																																																																																																																																																																																												
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																												
Protein supplement	Ton	2.6	2.6	2.6	--	--	--	--	--	--	--	--	2.6																																																																																																																																																																																																																																																												
Marketing month:																																																																																																																																																																																																																																																																									
Steer calves	Head	--	--	--	--	--	--	--	--	--	59.0	--	--																																																																																																																																																																																																																																																												
Heifer calves	Head	--	--	--	--	--	--	--	--	--	29.0	--	--																																																																																																																																																																																																																																																												
Yearling steers	Head	--	--	--	--	--	--	--	--	--	45.0	--	--																																																																																																																																																																																																																																																												
Yearling heifers	Head	--	--	--	--	--	--	--	--	--	25.0	--	--																																																																																																																																																																																																																																																												
Cull cows	Head	--	--	--	--	--	--	--	--	--	42.0	--	--																																																																																																																																																																																																																																																												

Table 44--Beef cow enterprises of 400 or more cows, Bighorn National Forest, North-Central Wyoming, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																												
Production:							Cash costs--Continued																																																																																																																																																																																																																																																		
Bred cows 1/	Head	845	--	--	--	--	Protein supplement 5/	Ton	53.0	--	218.40	11,575	13.70																																																																																																																																																																																																																																												
Annual cow loss	Head	22	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																												
Cows culled	Head	123	--	--	--	--	Other feed	Ton	--	--	--	--	--																																																																																																																																																																																																																																												
Calves born alive	Head	735	--	--	--	--	Salt and mineral	Cwt	295.8	--	3.91	1,157	1.37																																																																																																																																																																																																																																												
Calves lost birth to weaning	Head	30	--	--	--	--	Veterinary & medicine	Dol	--	--	--	3,349	3.96																																																																																																																																																																																																																																												
Steer calves weaned	Head	352	--	--	--	--	Hired trucking	Dol	--	--	--	2,700	3.20																																																																																																																																																																																																																																												
Sold as weaners	Head	176	--	--	--	--	Marketing 6/	Dol	--	--	--	3,712	4.39																																																																																																																																																																																																																																												
Lost after weaning	Head	4	--	--	--	--	General overhead 7/	Dol	--	--	--	6,245	7.39																																																																																																																																																																																																																																												
Sold as yearlings	Head	172	--	--	--	--	Hired labor	Hrs	3,940.0	--	4.13	16,272	19.26																																																																																																																																																																																																																																												
Heifer calves weaned	Head	353	--	--	--	--	Fuel and lubricants	Dol	--	--	--	7,123	8.43																																																																																																																																																																																																																																												
Sold as weaners	Head	96	--	--	--	--	Repairs	Dol	--	--	--	8,913	10.55																																																																																																																																																																																																																																												
Lost after weaning	Head	6	--	--	--	--	Taxes 8/	Dol	--	--	--	6,136	7.26																																																																																																																																																																																																																																												
Sold as yearlings	Head	106	--	--	--	--	Insurance	Dol	--	--	--	4,454	5.27																																																																																																																																																																																																																																												
Kept for herd replacement 2/	Head	145	--	--	--	--	Interest on operating capital 9/	Dol	57,091.8	--	0.16	8,963	10.61																																																																																																																																																																																																																																												
Bulls	Head	47	--	--	--	--	Total cash costs	Dol	--	--	--	140,060	165.75																																																																																																																																																																																																																																												
Sales:							Other costs:																																																																																																																																																																																																																																																		
Steer calves	Head	176	440	68.01	52,667	--	Family labor 10/	Hrs	1,608.0	--	4.13	6,641	7.86																																																																																																																																																																																																																																												
Heifer calves	Head	96	400	59.70	22,925	--	Capital replacement 11/	Dol	--	--	--	36,865	43.63																																																																																																																																																																																																																																												
Yearling steers	Head	172	780	63.39	85,044	--	Interest on investment other than land 13/	Dol	--	--	--	85,204	102.02																																																																																																																																																																																																																																												
Yearling heifers	Head	106	690	58.42	42,728	--	Interest on land 13/	Dol	--	--	--	342,856	405.75																																																																																																																																																																																																																																												
Cull cows	Head	123	1,050	37.71	48,702	--	Total other costs	Dol	--	--	--	472,566	559.25																																																																																																																																																																																																																																												
Total sales	Head	--	--	--	252,066	298.30	Total all costs	Dol	--	--	--	612,626	725.00																																																																																																																																																																																																																																												
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																		
Federal grazing fees 3/	AM	1,878.0	--	1.86	3,493	4.13	Return above cash costs:	Dol	--	--	--	112,006	132.55																																																																																																																																																																																																																																												
Private pasture lease	AM	1,850.0	--	8.46	15,651	18.52	Return above cash costs:	Dol	--	--	--	105,365	124.69																																																																																																																																																																																																																																												
Other pasture lease 4/	AM	--	--	--	--	--	Return to total investment 14/	Dol	--	--	--	68,500	81.07																																																																																																																																																																																																																																												
State land lease	AM	927.0	--	1.44	1,335	1.58	Return to land 15/	Dol	--	--	--	-17,704	-20.95																																																																																																																																																																																																																																												
Irrigated pasture	AM	--	--	--	--	--																																																																																																																																																																																																																																																			
Hay produced	Ton	907.6	--	35.06	31,820	37.66																																																																																																																																																																																																																																																			
Hay purchased	Ton	112.2	--	63.83	7,162	8.48																																																																																																																																																																																																																																																			
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td colspan="14">Feed source:</td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>79.0</td> <td>290.0</td> <td>303.0</td> <td>286.0</td> <td>71.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>45.0</td> <td>38.0</td> <td>62.0</td> <td>119.0</td> <td>186.0</td> <td>106.0</td> <td>31.0</td> <td>31.0</td> <td>31.0</td> <td>45.0</td> <td>76.0</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>300.0</td> <td>320.0</td> <td>330.0</td> <td>330.0</td> <td>322.0</td> <td>248.0</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>150.0</td> <td>160.0</td> <td>165.0</td> <td>167.0</td> <td>161.0</td> <td>121.0</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AM</td> <td>200.0</td> <td>300.0</td> <td>353.0</td> <td>390.0</td> <td>795.4</td> <td>851.3</td> <td>678.3</td> <td>678.3</td> <td>684.9</td> <td>707.3</td> <td>220.0</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>780.6</td> <td>780.6</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>237.8</td> <td>240.7</td> <td>240.3</td> <td>236.6</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>61.4</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>12.0</td> <td>12.0</td> <td>12.0</td> <td>12.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>5.0</td> </tr> <tr> <td colspan="14">Marketing month:</td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>176</td> <td>--</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>96</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>172</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>106</td> <td>--</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>123</td> <td>--</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:														National Forest 16/	AM	--	--	--	--	79.0	290.0	303.0	286.0	71.0	--	--	Bureau of Land Management 16/	AM	45.0	38.0	62.0	119.0	186.0	106.0	31.0	31.0	31.0	45.0	76.0	Pasture rent/lease 17/	AM	--	--	--	--	300.0	320.0	330.0	330.0	322.0	248.0	--	State land lease	AM	--	--	--	--	150.0	160.0	165.0	167.0	161.0	121.0	--	Deeded rangeland 17/	AM	200.0	300.0	353.0	390.0	795.4	851.3	678.3	678.3	684.9	707.3	220.0	Irrigated pasture 17/	AM	--	--	--	--	--	--	--	--	--	--	--	Crop residue 17/	AM	--	--	--	--	--	--	--	--	--	780.6	780.6	Hay	Ton	237.8	240.7	240.3	236.6	--	--	--	--	--	--	61.4	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	12.0	12.0	12.0	12.0	--	--	--	--	--	--	5.0	Marketing month:														Steer calves	Head	--	--	--	--	--	--	--	--	176	--	--	Heifer calves	Head	--	--	--	--	--	--	--	--	96	--	--	Yearling steers	Head	--	--	--	--	--	--	--	--	172	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	--	106	--	--	Cull cows	Head	--	--	--	--	--	--	--	--	123	--	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																													
Feed source:																																																																																																																																																																																																																																																									
National Forest 16/	AM	--	--	--	--	79.0	290.0	303.0	286.0	71.0	--	--																																																																																																																																																																																																																																													
Bureau of Land Management 16/	AM	45.0	38.0	62.0	119.0	186.0	106.0	31.0	31.0	31.0	45.0	76.0																																																																																																																																																																																																																																													
Pasture rent/lease 17/	AM	--	--	--	--	300.0	320.0	330.0	330.0	322.0	248.0	--																																																																																																																																																																																																																																													
State land lease	AM	--	--	--	--	150.0	160.0	165.0	167.0	161.0	121.0	--																																																																																																																																																																																																																																													
Deeded rangeland 17/	AM	200.0	300.0	353.0	390.0	795.4	851.3	678.3	678.3	684.9	707.3	220.0																																																																																																																																																																																																																																													
Irrigated pasture 17/	AM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Crop residue 17/	AM	--	--	--	--	--	--	--	--	--	780.6	780.6																																																																																																																																																																																																																																													
Hay	Ton	237.8	240.7	240.3	236.6	--	--	--	--	--	--	61.4																																																																																																																																																																																																																																													
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Protein supplement	Ton	12.0	12.0	12.0	12.0	--	--	--	--	--	--	5.0																																																																																																																																																																																																																																													
Marketing month:																																																																																																																																																																																																																																																									
Steer calves	Head	--	--	--	--	--	--	--	--	176	--	--																																																																																																																																																																																																																																													
Heifer calves	Head	--	--	--	--	--	--	--	--	96	--	--																																																																																																																																																																																																																																													
Yearling steers	Head	--	--	--	--	--	--	--	--	172	--	--																																																																																																																																																																																																																																													
Yearling heifers	Head	--	--	--	--	--	--	--	--	106	--	--																																																																																																																																																																																																																																													
Cull cows	Head	--	--	--	--	--	--	--	--	123	--	--																																																																																																																																																																																																																																													

Table 45—Beef cow enterprises with up to 99 cows, Blackhills National Forest, West-Central South Dakota, 1982

Production:						Cash costs—Continued																																																																																																																																																																																																											
Item	Unit	Number	Average weight (pounds)	Price	Total Value	Item	Unit	Number	Average weight (pounds)	Price	Total Value																																																																																																																																																																																																						
:	:	:	:	:	: per cow	:	:	:	:	:	: per cow																																																																																																																																																																																																						
Bred cows 1/	Head	47	--	--	--	Protein supplement 5/	Ton	2.7	--	222.20	600																																																																																																																																																																																																						
Annual cow loss	Head	1	--	--	--	Grain Corn	Bu	--	--	--	--																																																																																																																																																																																																						
Cows culled	Head	6	--	--	--	Other feed	Ton	--	--	--	--																																																																																																																																																																																																						
Calves born alive	Head	44	--	--	--	Salt and mineral	Cwt	16.5	--	4.82	80																																																																																																																																																																																																						
Calves lost birth to weaning	Head	1	--	--	--	Veterinary & medicine	Dol	--	--	--	288																																																																																																																																																																																																						
Steer calves weaned	Head	21	--	--	--	Hired trucking	Dol	--	--	--	152																																																																																																																																																																																																						
Sold as weaners	Head	15	--	--	--	Marketing 6/	Dol	--	--	--	107																																																																																																																																																																																																						
Lost after weaning	Head	--	--	--	--	General overhead 7/	Dol	--	--	--	451																																																																																																																																																																																																						
Sold as yearlings	Head	6	--	--	--	Hired labor	Hrs	30.0	--	4.10	123																																																																																																																																																																																																						
Heifer calves weaned	Head	22	--	--	--	Fuel and lubricants	Dol	--	--	--	1,822																																																																																																																																																																																																						
Sold as weaners	Head	9	--	--	--	Repairs	Dol	--	--	--	1,109																																																																																																																																																																																																						
Lost after weaning	Head	--	--	--	--	Taxes 8/	Dol	--	--	--	543																																																																																																																																																																																																						
Sold as yearlings	Head	6	--	--	--	Insurance	Dol	--	--	--	288																																																																																																																																																																																																						
Kept for herd replacement 2/	Head	7	--	--	--	Interest on operating capital 9/	Dol	3,904.15	--	0.16	613																																																																																																																																																																																																						
Bulls	Head	2	--	--	--	Total cash costs	Dol	--	--	--	10,032																																																																																																																																																																																																						
Sales:						Other costs:																																																																																																																																																																																																											
Steer calves	Head	15	450	68.01	4,591	Family labor 10/	Hrs	558.0	--	4.10	2,288																																																																																																																																																																																																						
Heifer calves	Head	9	415	59.70	2,230	Capital replacement 11/	Dol	--	--	--	2,365																																																																																																																																																																																																						
Yearling steers	Head	6	697	64.43	2,694	Interest on investment other than land 13/	Dol	--	--	--	5,492																																																																																																																																																																																																						
Yearling heifers	Head	6	602	58.42	2,110	Interest on land 13/	Dol	--	--	--	27,986																																																																																																																																																																																																						
Cull cows	Head	6	1,000	37.71	2,263	Total other costs	Dol	--	--	--	38,131																																																																																																																																																																																																						
Total sales	Head	--	--	--	13,888	295.49	Total all costs	Dol	--	--	48,163																																																																																																																																																																																																						
Cash costs:						Return above cash costs:																																																																																																																																																																																																											
Federal grazing fees 3/	AM	132.0	--	1.86	246	5.23	and family labor	Dol	--	--	1,568																																																																																																																																																																																																						
Private pasture lease	AUM	60.0	--	11.09	665	14.14	Return to total investment 14/	Dol	--	--	-797																																																																																																																																																																																																						
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	-6,289																																																																																																																																																																																																						
State land lease	AUM	--	--	--	--	--					1,024.74																																																																																																																																																																																																						
Irrigated pasture	AUM	--	--	--	--	--					3,856																																																																																																																																																																																																						
Hay produced	Ton	67.6	--	34.40	2,325	49.47					82.04																																																																																																																																																																																																						
Hay purchased	Ton	7.5	--	82.67	620	13.19					33.36																																																																																																																																																																																																						
<table border="1"> <thead> <tr> <th colspan="6">Feed source:</th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td>National Forest 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>26.0</td> <td>32.0</td> <td>32.0</td> <td>30.0</td> <td>12.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td></td> <td></td> <td></td> <td>16.0</td> <td>10.0</td> <td>8.0</td> <td>8.0</td> <td>8.0</td> <td>10.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td></td> <td></td> <td></td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>40.0</td> <td></td> <td></td> <td>65.0</td> <td>38.5</td> <td>34.8</td> <td>35.8</td> <td>37.0</td> <td>43.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td></td> <td></td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td></td> <td></td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>55.9</td> <td>--</td> <td>25.0</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>16.5</td> <td>18.2</td> <td>20.8</td> <td>10.5</td> <td></td> <td></td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>9.1</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td></td> <td></td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>.8</td> <td>.8</td> <td>--</td> <td>--</td> <td></td> <td></td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>-.4</td> <td>.7</td> </tr> </tbody> </table>												Feed source:						Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	National Forest 16/	AM	--	--	--	--						26.0	32.0	32.0	30.0	12.0	--	--	Bureau of Land Management 16/	AM	--	--	--	--													Pasture rent/lease 17/	AUM	--	--	--	--				16.0	10.0	8.0	8.0	8.0	10.0	--	--	--	State land lease	AUM	--	--	--	--				--	--	--	--	--	--	--	--	--	Deeded rangeland 17/	AUM	--	--	--	40.0			65.0	38.5	34.8	35.8	37.0	43.0	--	--	--	--	Irrigated pasture 17/	AUM	--	--	--	--			--	--	--	--	--	--	--	--	--	--	Crop residue 17/	AUM	--	--	--	--			--	--	--	--	--	--	--	55.9	--	25.0	Hay	Ton	16.5	18.2	20.8	10.5			--	--	--	--	--	--	--	--	--	9.1	Grain	Bu	--	--	--	--			--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	.8	.8	--	--			--	--	--	--	--	--	--	--	-.4	.7
Feed source:						Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																
National Forest 16/	AM	--	--	--	--						26.0	32.0	32.0	30.0	12.0	--	--																																																																																																																																																																																																
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Pasture rent/lease 17/	AUM	--	--	--	--				16.0	10.0	8.0	8.0	8.0	10.0	--	--	--																																																																																																																																																																																																
State land lease	AUM	--	--	--	--				--	--	--	--	--	--	--	--	--																																																																																																																																																																																																
Deeded rangeland 17/	AUM	--	--	--	40.0			65.0	38.5	34.8	35.8	37.0	43.0	--	--	--	--																																																																																																																																																																																																
Irrigated pasture 17/	AUM	--	--	--	--			--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																
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Hay	Ton	16.5	18.2	20.8	10.5			--	--	--	--	--	--	--	--	--	9.1																																																																																																																																																																																																
Grain	Bu	--	--	--	--			--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																
Protein supplement	Ton	.8	.8	--	--			--	--	--	--	--	--	--	--	-.4	.7																																																																																																																																																																																																
Marketing month:																																																																																																																																																																																																																	
Steer calves	Head	--	--	--	--										15.0	--	--																																																																																																																																																																																																
Heifer calves	Head	--	--	--	--										9.0	--	--																																																																																																																																																																																																
Yearling steers	Head	--	--	--	--										6.0	--	--																																																																																																																																																																																																
Yearling heifers	Head	--	--	--	--										6.0	--	--																																																																																																																																																																																																
Cull cows	Head	--	--	--	--										6.0	--	--																																																																																																																																																																																																

Table 46--Beef cow enterprises with 100-399 cows, Blackhills National Forest, West-Central South Dakota, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																										
Production:							Cash costs--Continued																																																																																																																																																																																																																																																
Bred cows 1/	Head	196	--	--	--	--	Protein supplement 5/	Ton	11.8	--	222.20	2,622	13.38																																																																																																																																																																																																																																										
Annual cow loss	Head	4	--	--	--	--	Grain Corn	Bu	--	--	--	--	--																																																																																																																																																																																																																																										
Cows culled	Head	23	--	--	--	--	Other feed	Ton	--	--	--	--	--																																																																																																																																																																																																																																										
Calves born alive	Head	180	--	--	--	--	Salt and mineral	Cwt	68.6	--	4.82	331	1.69																																																																																																																																																																																																																																										
Calves lost birth to weaning	Head	4	--	--	--	--	Veterinary & medicine	Dol	--	--	--	1,223	6.24																																																																																																																																																																																																																																										
Steer calves weaned	Head	88	--	--	--	--	Hired trucking	Dol	--	--	--	591	3.02																																																																																																																																																																																																																																										
Sold as weaners	Head	66	--	--	--	--	Marketing 6/	Dol	--	--	--	512	2.61																																																																																																																																																																																																																																										
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	Dol	--	--	--	1,856	9.47																																																																																																																																																																																																																																										
Sold as yearlings	Head	22	--	--	--	--	Hired labor	Hrs	475.0	--	4.10	1,948	9.94																																																																																																																																																																																																																																										
Heifer calves weaned	Head	88	--	--	--	--	Fuel and lubricants	Dol	--	--	--	5,562	28.38																																																																																																																																																																																																																																										
Sold as weaners	Head	41	--	--	--	--	Repairs	Dol	--	--	--	3,928	20.04																																																																																																																																																																																																																																										
Lost after weaning	Head	1	--	--	--	--	Taxes 8/	Dol	--	--	--	3,604	18.39																																																																																																																																																																																																																																										
Sold as yearlings	Head	19	--	--	--	--	Insurance	Dol	--	--	--	1,118	5.70																																																																																																																																																																																																																																										
Kept for herd replacement 2/	Head	27	--	--	--	--	Interest on operating capital 9/	Dol	16,393.05	--	0.16	2,574	13.13																																																																																																																																																																																																																																										
Bulls	Head	7	--	--	--	--	Total cash costs	Dol	--	--	--	43,352	221.18																																																																																																																																																																																																																																										
Sales:							Other costs:																																																																																																																																																																																																																																																
Steer calves	Head	66	425	68.01	19,077	--	Family labor 10/	Hrs	1,681.0	--	4.10	6,892	35.16																																																																																																																																																																																																																																										
Heifer calves	Head	41	390	61.71	9,867	--	Capital replacement 11/	Dol	--	--	--	9,769	49.84																																																																																																																																																																																																																																										
Yearling steers	Head	22	659	64.43	9,341	--	Interest on investment other than land 13/	Dol	--	--	--	22,010	112.30																																																																																																																																																																																																																																										
Yearling heifers	Head	19	565	58.81	6,313	--	Interest on land 13/	Dol	--	--	--	101,329	516.98																																																																																																																																																																																																																																										
Cull cows	Head	23	1,015	37.71	8,803	--	Total other costs	Dol	--	--	--	140,000	714.29																																																																																																																																																																																																																																										
Total sales	Head	--	--	--	53,401	272.45	Total all costs	Dol	--	--	--	183,352	935.47																																																																																																																																																																																																																																										
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																
Federal grazing fees 3/	AM	393.0	--	1.86	731	3.73	Return above cash costs:	Dol	--	--	--	10,049	51.28																																																																																																																																																																																																																																										
Private pasture lease	AUM	287.0	--	11.09	3,183	16.24	Return above cash costs and family labor	Dol	--	--	--	3,157	16.11																																																																																																																																																																																																																																										
Other pasture lease 4/	AUM	--	--	--	--	--	Return to total investment 14/	Dol	--	--	--	-6,612	33.73																																																																																																																																																																																																																																										
State land lease	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-28,622	-146.03																																																																																																																																																																																																																																										
Irrigated pasture	AUM	--	--	--	--	--																																																																																																																																																																																																																																																	
Hay produced	Ton	311.3	--	34.40	10,709	54.64																																																																																																																																																																																																																																																	
Hay purchased	Ton	34.6	--	82.67	2,860	14.59																																																																																																																																																																																																																																																	
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td>Feed source:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>68.0</td> <td>95.0</td> <td>95.0</td> <td>92.0</td> <td>43.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>64.0</td> <td>48.0</td> <td>43.0</td> <td>44.0</td> <td>44.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>260.0</td> <td>196.7</td> <td>174.3</td> <td>176.3</td> <td>176.0</td> <td>180.7</td> <td>--</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>233.0</td> <td>100.0</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>66.3</td> <td>73.5</td> <td>79.2</td> <td>90.7</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>36.2</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>2.9</td> <td>2.9</td> <td>2.9</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>-4</td> <td>2.7</td> </tr> <tr> <td>Marketing month:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>66.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>41.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>22.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>19.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>23.0</td> <td>--</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:													National Forest 16/	AM	--	--	--	--	68.0	95.0	95.0	92.0	43.0	--	--	Bureau of Land Management 16/	AM	--	--	--	--	--	--	--	--	--	--	--	Pasture rent/lease 17/	AUM	--	--	--	--	64.0	48.0	43.0	44.0	44.0	--	--	State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--	Deeded rangeland 17/	AUM	--	--	--	--	260.0	196.7	174.3	176.3	176.0	180.7	--	Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	233.0	100.0	Hay	Ton	66.3	73.5	79.2	90.7	--	--	--	--	--	--	36.2	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	2.9	2.9	2.9	--	--	--	--	--	--	-4	2.7	Marketing month:													Steer calves	Head	--	--	--	--	--	--	--	--	66.0	--	--	Heifer calves	Head	--	--	--	--	--	--	--	--	41.0	--	--	Yearling steers	Head	--	--	--	--	--	--	--	--	22.0	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	--	19.0	--	--	Cull cows	Head	--	--	--	--	--	--	--	--	23.0	--	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																											
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Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	233.0	100.0																																																																																																																																																																																																																																											
Hay	Ton	66.3	73.5	79.2	90.7	--	--	--	--	--	--	36.2																																																																																																																																																																																																																																											
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Protein supplement	Ton	2.9	2.9	2.9	--	--	--	--	--	--	-4	2.7																																																																																																																																																																																																																																											
Marketing month:																																																																																																																																																																																																																																																							
Steer calves	Head	--	--	--	--	--	--	--	--	66.0	--	--																																																																																																																																																																																																																																											
Heifer calves	Head	--	--	--	--	--	--	--	--	41.0	--	--																																																																																																																																																																																																																																											
Yearling steers	Head	--	--	--	--	--	--	--	--	22.0	--	--																																																																																																																																																																																																																																											
Yearling heifers	Head	--	--	--	--	--	--	--	--	19.0	--	--																																																																																																																																																																																																																																											
Cull cows	Head	--	--	--	--	--	--	--	--	23.0	--	--																																																																																																																																																																																																																																											

Table 47--Beef cow enterprises with 400 or more cows, Blackhills National Forest, West-Central South Dakota, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																												
Production:							Cash costs--Continued																																																																																																																																																																																																																																																		
Bred cows ^{1/}	Head	734	--	--	--	--	Protein supplement ^{5/}	Ton	27.5	--	222.20	6,110	8.32																																																																																																																																																																																																																																												
Annual cow loss	Head	15	--	--	--	--	Grain Corn	Bu	--	--	--	--	--																																																																																																																																																																																																																																												
Cows culled	Head	89	--	--	--	--	Other feed	Ton	--	--	--	--	--																																																																																																																																																																																																																																												
Calves born alive	Head	675	--	--	--	--	Salt and mineral	Cwt	256.9	--	4.82	1,238	1.69																																																																																																																																																																																																																																												
Calves lost birth to weaning	Head	14	--	--	--	--	Veterinary & medicine	Dol	--	--	--	3,009	4.10																																																																																																																																																																																																																																												
Steer calves weaned	Head	330	--	--	--	--	Hired trucking	Dol	--	--	--	1,681	2.29																																																																																																																																																																																																																																												
Sold as weaners	Head	248	--	--	--	--	Marketing ^{6/}	Dol	--	--	--	1,337	1.82																																																																																																																																																																																																																																												
Lost after weaning	Head	2	--	--	--	--	General overhead ^{7/}	Dol	--	--	--	5,023	6.84																																																																																																																																																																																																																																												
Sold as yearlings	Head	80	--	--	--	--	Hired labor	Hrs	1,280.0	--	4.10	5,248	7.15																																																																																																																																																																																																																																												
Heifer calves weaned	Head	331	--	--	--	--	Fuel and lubricants	Dol	--	--	--	11,497	15.66																																																																																																																																																																																																																																												
Sold as weaners	Head	133	--	--	--	--	Repairs	Dol	--	--	--	9,175	12.50																																																																																																																																																																																																																																												
Lost after weaning	Head	4	--	--	--	--	Taxes ^{8/}	Dol	--	--	--	12,558	17.11																																																																																																																																																																																																																																												
Sold as yearlings	Head	90	--	--	--	--	Insurance	Dol	--	--	--	3,935	5.36																																																																																																																																																																																																																																												
Kept for herd replacement ^{2/}	Head	104	--	--	--	--	Interest on operating capital ^{9/}	Dol	52,574.0	--	0.16	8,254	11.25																																																																																																																																																																																																																																												
Bulls	Head	27	--	--	--	--	Total cash costs	Dol	--	--	--	131,449	179.09																																																																																																																																																																																																																																												
Sales:							Other costs:																																																																																																																																																																																																																																																		
Steer calves	Head	248	425	68.01	71,683	--	Family labor ^{10/}	Hrs	3,144.0	--	4.10	12,890	17.56																																																																																																																																																																																																																																												
Heifer calves	Head	133	390	61.71	32,009	--	Capital replacement ^{11/}	Dol	--	--	--	28,374	38.66																																																																																																																																																																																																																																												
Yearling steers	Head	80	659	64.43	33,967	--	Interest on investment other than land ^{13/}	Dol	--	--	--	74,830	101.95																																																																																																																																																																																																																																												
Yearling heifers	Head	90	565	58.81	29,905	--	Interest on land ^{13/}	Dol	--	--	--	368,344	501.83																																																																																																																																																																																																																																												
Cull cows	Head	89	1,000	37.71	33,562	--	Total other costs	Dol	--	--	--	484,438	660.00																																																																																																																																																																																																																																												
Total sales	Head	--	--	--	201,126	274.01	Total all costs	Dol	--	--	--	615,887	839.08																																																																																																																																																																																																																																												
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																		
Federal grazing fees ^{3/}	AM	1,049.0	--	1.86	1,951	2.66	Return above cash costs:	Dol	--	--	--	69,677	94.93																																																																																																																																																																																																																																												
Private pasture lease	AUM	1,184.0	--	11.09	13,131	17.89	Return above cash costs:	Dol	--	--	--	56,787	77.37																																																																																																																																																																																																																																												
Other pasture lease ^{4/}	AUM	--	--	--	--	--	and family labor	Dol	--	--	--	--	--																																																																																																																																																																																																																																												
State land lease	AUM	--	--	--	--	--	Return to total investment ^{14/}	Dol	--	--	--	28,413	38.71																																																																																																																																																																																																																																												
Irrigated pasture	AUM	--	--	--	--	--	Return to land ^{15/}	Dol	--	--	--	-46,417	-63.24																																																																																																																																																																																																																																												
Hay produced	Ton	1,085.0	--	34.40	37,324	50.85																																																																																																																																																																																																																																																			
Hay purchased	Ton	120.7	--	82.67	9,978	13.59																																																																																																																																																																																																																																																			
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td colspan="14">Feed source:</td> </tr> <tr> <td>National Forest ^{16/}</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>186.0</td> <td>263.0</td> <td>263.0</td> <td>260.0</td> <td>77.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management ^{16/}</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Pasture rent/lease ^{17/}</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>246.0</td> <td>209.0</td> <td>192.0</td> <td>195.0</td> <td>190.0</td> <td>152.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland ^{17/}</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>842.0</td> <td>984.0</td> <td>836.9</td> <td>768.5</td> <td>779.5</td> <td>759.0</td> <td>606.7</td> <td>120.0</td> </tr> <tr> <td>Irrigated pasture ^{17/}</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue ^{17/}</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>200.0</td> <td>725.7</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>257.6</td> <td>283.7</td> <td>316.6</td> <td>90.1</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>257.7</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>7.0</td> <td>7.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>6.6</td> <td>6.9</td> </tr> <tr> <td colspan="14">Marketing month:</td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>248.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>133.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>80.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>90.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>89.0</td> <td>--</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:														National Forest ^{16/}	AM	--	--	--	--	186.0	263.0	263.0	260.0	77.0	--	--	Bureau of Land Management ^{16/}	AM	--	--	--	--	--	--	--	--	--	--	--	Pasture rent/lease ^{17/}	AUM	--	--	--	246.0	209.0	192.0	195.0	190.0	152.0	--	--	State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--	Deeded rangeland ^{17/}	AUM	--	--	--	842.0	984.0	836.9	768.5	779.5	759.0	606.7	120.0	Irrigated pasture ^{17/}	AUM	--	--	--	--	--	--	--	--	--	--	--	Crop residue ^{17/}	AUM	--	--	--	--	--	--	--	--	200.0	725.7	--	Hay	Ton	257.6	283.7	316.6	90.1	--	--	--	--	--	--	257.7	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	7.0	7.0	--	--	--	--	--	--	--	6.6	6.9	Marketing month:														Steer calves	Head	--	--	--	--	--	--	--	--	248.0	--	--	Heifer calves	Head	--	--	--	--	--	--	--	--	133.0	--	--	Yearling steers	Head	--	--	--	--	--	--	--	--	80.0	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	--	90.0	--	--	Cull cows	Head	--	--	--	--	--	--	--	--	89.0	--	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																													
Feed source:																																																																																																																																																																																																																																																									
National Forest ^{16/}	AM	--	--	--	--	186.0	263.0	263.0	260.0	77.0	--	--																																																																																																																																																																																																																																													
Bureau of Land Management ^{16/}	AM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Pasture rent/lease ^{17/}	AUM	--	--	--	246.0	209.0	192.0	195.0	190.0	152.0	--	--																																																																																																																																																																																																																																													
State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Deeded rangeland ^{17/}	AUM	--	--	--	842.0	984.0	836.9	768.5	779.5	759.0	606.7	120.0																																																																																																																																																																																																																																													
Irrigated pasture ^{17/}	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Crop residue ^{17/}	AUM	--	--	--	--	--	--	--	--	200.0	725.7	--																																																																																																																																																																																																																																													
Hay	Ton	257.6	283.7	316.6	90.1	--	--	--	--	--	--	257.7																																																																																																																																																																																																																																													
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Protein supplement	Ton	7.0	7.0	--	--	--	--	--	--	--	6.6	6.9																																																																																																																																																																																																																																													
Marketing month:																																																																																																																																																																																																																																																									
Steer calves	Head	--	--	--	--	--	--	--	--	248.0	--	--																																																																																																																																																																																																																																													
Heifer calves	Head	--	--	--	--	--	--	--	--	133.0	--	--																																																																																																																																																																																																																																													
Yearling steers	Head	--	--	--	--	--	--	--	--	80.0	--	--																																																																																																																																																																																																																																													
Yearling heifers	Head	--	--	--	--	--	--	--	--	90.0	--	--																																																																																																																																																																																																																																													
Cull cows	Head	--	--	--	--	--	--	--	--	89.0	--	--																																																																																																																																																																																																																																													

Table 48—Beef cow enterprises with up to 199 cows, Grand Mesa, Gunnison, Uncompahgre National Forest, Central and Western Colorado, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																														
Production:							Cash costs--Continued																																																																																																																																																																																																																																																				
Bred cows 1/	Head	96	--	--	--	--	Protein supplement 5/	Ton	--	--	--	--	--																																																																																																																																																																																																																																														
Annual cow loss	Head	2	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																														
Cows culled	Head	12	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--																																																																																																																																																																																																																																														
Calves born alive	Head	90	--	--	--	--	Salt and mineral	Cwt	33.6	--	4.57	154	1.61																																																																																																																																																																																																																																														
Calves lost birth to weaning	Head	5	--	--	--	--	Veterinary & medicine	Dol	--	--	--	501	5.22																																																																																																																																																																																																																																														
Steer calves weaned	Head	42	--	--	--	--	Hired trucking	Dol	--	--	--	124	1.29																																																																																																																																																																																																																																														
Sold as weaners	Head	41	--	--	--	--	Marketing 6/	Dol	--	--	--	309	3.22																																																																																																																																																																																																																																														
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	Dol	--	--	--	1,336	13.92																																																																																																																																																																																																																																														
Sold as yearlings	Head	1	--	--	--	--	Hired labor	Hrs	192.0	--	4.22	810	8.44																																																																																																																																																																																																																																														
Heifer calves weaned	Head	43	--	--	--	--	Fuel and lubricants	Dol	--	--	--	2,963	30.87																																																																																																																																																																																																																																														
Sold as weaners	Head	25	--	--	--	--	Repairs	Dol	--	--	--	2,047	21.32																																																																																																																																																																																																																																														
Lost after weaning	Head	--	--	--	--	--	Taxes 8/	Dol	--	--	--	759	7.91																																																																																																																																																																																																																																														
Sold as yearlings	Head	4	--	--	--	--	Insurance	Dol	--	--	--	537	5.59																																																																																																																																																																																																																																														
Kept for herd replacement 2/	Head	14	--	--	--	--	Interest on operating capital 9/	Dol	9,391.1	--	0.15	1,446	15.06																																																																																																																																																																																																																																														
Bulls	Head	4	--	--	--	--	Total cash costs	Dol	--	--	--	18,996	197.88																																																																																																																																																																																																																																														
Sales:							Other costs:																																																																																																																																																																																																																																																				
Steer calves	Head	41	425	67.49	11,760	--	Family labor 10/	Hrs	1,920.0	--	4.22	8,102	84.40																																																																																																																																																																																																																																														
Heifer calves	Head	25	400	58.20	5,820	--	Capital replacement 11/	Dol	--	--	--	3,736	38.92																																																																																																																																																																																																																																														
Yearling steers	Head	1	700	62.92	440	--	Interest on investment other than land 13/	Dol	--	--	--	10,103	105.24																																																																																																																																																																																																																																														
Yearling heifers	Head	4	750	57.10	1,713	--	Interest on land 13/	Dol	--	--	--	36,243	377.53																																																																																																																																																																																																																																														
Cull cows	Head	12	950	35.05	3,996	--	Total other costs	Dol	--	--	--	58,184	606.08																																																																																																																																																																																																																																														
Total sales	Head	--	--	--	23,729	247.18	Total all costs	Dol	--	--	--	77,180	803.96																																																																																																																																																																																																																																														
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																				
Federal grazing fees 3/	AM	325.0	--	1.86	605	6.30	Return above cash costs: and family labor	Dol	--	--	--	4,733	49.30																																																																																																																																																																																																																																														
Private pasture lease	AUM	29.6	--	9.04	268	2.79	Return to total investment 14/	Dol	--	--	--	-7,105	-74.01																																																																																																																																																																																																																																														
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-17,208	-179.25																																																																																																																																																																																																																																														
State land lease	AUM	--	--	--	--	--																																																																																																																																																																																																																																																					
Irrigated pasture	AUM	119.3	--	4.48	534	5.56																																																																																																																																																																																																																																																					
Hay produced	Ton	102.0	--	42.80	4,366	45.48																																																																																																																																																																																																																																																					
Hay purchased	Ton	33.9	--	66.00	2,237	23.30																																																																																																																																																																																																																																																					
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td colspan="14">Feed source:</td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>30.0</td> <td>67.0</td> <td>70.0</td> <td>67.0</td> <td>25.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>3.0</td> <td>3.0</td> <td>3.0</td> <td>3.0</td> <td>16.0</td> <td>13.0</td> <td>5.0</td> <td>4.0</td> <td>2.0</td> <td>5.0</td> <td>7.0</td> <td>2.0</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>3.9</td> <td>4.2</td> <td>4.5</td> <td>--</td> <td>--</td> <td>4.7</td> <td>9.0</td> <td>3.3</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>--</td> <td>2.6</td> <td>7.4</td> <td>17.8</td> <td>124.6</td> <td>99.2</td> <td>58.8</td> <td>56.9</td> <td>57.0</td> <td>33.6</td> <td>51.5</td> <td>60.3</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>46.3</td> <td>36.3</td> <td>36.7</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>13.9</td> <td>10.9</td> <td>11.0</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>32.4</td> <td>34.5</td> <td>34.5</td> <td>34.5</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td colspan="14">Marketing month:</td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>41.0</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>25.0</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>1.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>4.0</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>12.0</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:														National Forest 16/	AM	--	--	--	--	30.0	67.0	70.0	67.0	25.0	--	--	Bureau of Land Management 16/	AM	3.0	3.0	3.0	3.0	16.0	13.0	5.0	4.0	2.0	5.0	7.0	2.0	Pasture rent/lease 17/	AUM	--	--	3.9	4.2	4.5	--	--	4.7	9.0	3.3	--	State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--	Deeded rangeland 17/	AUM	--	2.6	7.4	17.8	124.6	99.2	58.8	56.9	57.0	33.6	51.5	60.3	Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	46.3	36.3	36.7	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	13.9	10.9	11.0	Hay	Ton	32.4	34.5	34.5	34.5	--	--	--	--	--	--	--	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--	Marketing month:														Steer calves	Head	--	--	--	--	--	--	--	--	--	--	41.0	Heifer calves	Head	--	--	--	--	--	--	--	--	--	--	25.0	Yearling steers	Head	--	--	--	--	--	--	--	--	1.0	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	--	--	4.0	--	Cull cows	Head	--	--	--	--	--	--	--	--	--	--	12.0
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																															
Feed source:																																																																																																																																																																																																																																																											
National Forest 16/	AM	--	--	--	--	30.0	67.0	70.0	67.0	25.0	--	--																																																																																																																																																																																																																																															
Bureau of Land Management 16/	AM	3.0	3.0	3.0	3.0	16.0	13.0	5.0	4.0	2.0	5.0	7.0	2.0																																																																																																																																																																																																																																														
Pasture rent/lease 17/	AUM	--	--	3.9	4.2	4.5	--	--	4.7	9.0	3.3	--																																																																																																																																																																																																																																															
State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																															
Deeded rangeland 17/	AUM	--	2.6	7.4	17.8	124.6	99.2	58.8	56.9	57.0	33.6	51.5	60.3																																																																																																																																																																																																																																														
Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	46.3	36.3	36.7																																																																																																																																																																																																																																															
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	13.9	10.9	11.0																																																																																																																																																																																																																																															
Hay	Ton	32.4	34.5	34.5	34.5	--	--	--	--	--	--	--																																																																																																																																																																																																																																															
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																															
Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																															
Marketing month:																																																																																																																																																																																																																																																											
Steer calves	Head	--	--	--	--	--	--	--	--	--	--	41.0																																																																																																																																																																																																																																															
Heifer calves	Head	--	--	--	--	--	--	--	--	--	--	25.0																																																																																																																																																																																																																																															
Yearling steers	Head	--	--	--	--	--	--	--	--	1.0	--	--																																																																																																																																																																																																																																															
Yearling heifers	Head	--	--	--	--	--	--	--	--	--	4.0	--																																																																																																																																																																																																																																															
Cull cows	Head	--	--	--	--	--	--	--	--	--	--	12.0																																																																																																																																																																																																																																															

Table 49--Beef cow enterprises with 200-499 cows, Grand Mesa, Gunnison, Uncompahgre National Forest, Central and Western Colorado, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																										
Production:							Cash costs--Continued																																																																																																																																																																																																																																																
Bred cows 1/	Head	324	--	--	--	--	Protein supplement 5/	Ton	--	--	--	--	--																																																																																																																																																																																																																																										
Annual cow loss	Head	16	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																										
Cows culled	Head	43	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--																																																																																																																																																																																																																																										
Calves born alive	Head	303	--	--	--	--	Salt and mineral	Cwt	113.4	--	4.57	518	1.60																																																																																																																																																																																																																																										
Calves lost birth to weaning	Head	15	--	--	--	--	Veterinary & medicine	Dol	--	--	--	2,355	7.27																																																																																																																																																																																																																																										
Steer calves weaned	Head	144	--	--	--	--	Hired trucking	Dol	--	--	--	1,352	4.17																																																																																																																																																																																																																																										
Sold as weaners	Head	137	--	--	--	--	Marketing 6/	Dol	--	--	--	785	2.42																																																																																																																																																																																																																																										
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	Dol	--	--	--	--	--																																																																																																																																																																																																																																										
Sold as yearlings	Head	7	--	--	--	--	Hired labor	Hrs	1,277.0	--	4.22	5,389	16.63																																																																																																																																																																																																																																										
Heifer calves weaned	Head	144	--	--	--	--	Fuel and lubricants	Dol	--	--	--	3,283	10.13																																																																																																																																																																																																																																										
Sold as weaners	Head	70	--	--	--	--	Repairs	Dol	--	--	--	5,670	17.50																																																																																																																																																																																																																																										
Lost after weaning	Head	1	--	--	--	--	Taxes 8/	Dol	--	--	--	2,245	6.93																																																																																																																																																																																																																																										
Sold as yearlings	Head	14	--	--	--	--	Insurance	Dol	--	--	--	1,667	5.15																																																																																																																																																																																																																																										
Kept for herd replacement 2/	Head	59	--	--	--	--	Interest on operating capital 9/	Dol	29,359.8	--	0.15	4,521	13.95																																																																																																																																																																																																																																										
Bulls	Head	13	--	--	--	--	Total cash costs	Dol	--	--	--	54,330	167.69																																																																																																																																																																																																																																										
Sales:							Other costs:																																																																																																																																																																																																																																																
Steer calves	Head	137	425	67.49	39,296	--	Family labor 10/	Hrs	4,711.0	--	4.22	19,880	61.36																																																																																																																																																																																																																																										
Heifer calves	Head	70	400	58.20	16,296	--	Capital replacement 11/	Dol	--	--	--	17,167	52.98																																																																																																																																																																																																																																										
Yearling steers	Head	7	700	62.92	3,083	--	Interest on investment other than land 13/	Dol	--	--	--	31,521	97.29																																																																																																																																																																																																																																										
Yearling heifers	Head	14	750	57.10	5,996	--	Interest on land 13/	Dol	--	--	--	123,392	380.84																																																																																																																																																																																																																																										
Cull cows	Head	43	950	35.05	14,318	--	Total other costs	Dol	--	--	--	191,960	592.47																																																																																																																																																																																																																																										
Total sales	Head	--	--	--	78,989	243.79	Total all costs	Dol	--	--	--	246,290	760.15																																																																																																																																																																																																																																										
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																
Federal grazing fees 3/	AM	858.0	--	1.86	1,596	4.93	Return above cash costs and family labor	Dol	--	--	--	4,779	14.75																																																																																																																																																																																																																																										
Private pasture lease	AUM	83.9	--	9.04	758	2.34	Return to total investment 14/	Dol	--	--	--	-12,388	-38.23																																																																																																																																																																																																																																										
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-43,909	-135.52																																																																																																																																																																																																																																										
State land lease	AUM	--	--	--	--	--																																																																																																																																																																																																																																																	
Irrigated pasture	AUM	402.8	--	4.48	1,805	5.57																																																																																																																																																																																																																																																	
Hay produced	Ton	345.4	--	42.80	14,783	45.63																																																																																																																																																																																																																																																	
Hay purchased	Ton	115.2	--	66.00	7,603	23.47																																																																																																																																																																																																																																																	
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td>Feed source:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>4.0</td> <td>101.0</td> <td>200.0</td> <td>209.0</td> <td>202.0</td> <td>5.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>4.0</td> <td>4.0</td> <td>4.0</td> <td>5.0</td> <td>22.0</td> <td>25.0</td> <td>13.0</td> <td>11.0</td> <td>12.0</td> <td>13.0</td> <td>8.0</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>13.2</td> <td>14.3</td> <td>15.4</td> <td>--</td> <td>--</td> <td>15.9</td> <td>14.1</td> <td>11.0</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>--</td> <td>14.2</td> <td>33.6</td> <td>66.8</td> <td>461.2</td> <td>363.9</td> <td>243.8</td> <td>236.6</td> <td>221.6</td> <td>223.6</td> <td>184.5</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>156.1</td> <td>122.7</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>47.0</td> <td>36.8</td> <td>37.2</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>110.5</td> <td>116.7</td> <td>116.7</td> <td>116.7</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Marketing month:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>137.0</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>70.0</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>7.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>1.0</td> <td>13.0</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>43.0</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:													National Forest 16/	AM	--	--	--	4.0	101.0	200.0	209.0	202.0	5.0	--	--	Bureau of Land Management 16/	AM	4.0	4.0	4.0	5.0	22.0	25.0	13.0	11.0	12.0	13.0	8.0	Pasture rent/lease 17/	AUM	--	--	13.2	14.3	15.4	--	--	15.9	14.1	11.0	--	State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--	Deeded rangeland 17/	AUM	--	14.2	33.6	66.8	461.2	363.9	243.8	236.6	221.6	223.6	184.5	Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	156.1	122.7	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	47.0	36.8	37.2	Hay	Ton	110.5	116.7	116.7	116.7	--	--	--	--	--	--	--	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--	Marketing month:													Steer calves	Head	--	--	--	--	--	--	--	--	--	--	137.0	Heifer calves	Head	--	--	--	--	--	--	--	--	--	--	70.0	Yearling steers	Head	--	--	--	--	--	--	--	--	7.0	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	--	1.0	13.0	--	Cull cows	Head	--	--	--	--	--	--	--	--	--	43.0	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																											
Feed source:																																																																																																																																																																																																																																																							
National Forest 16/	AM	--	--	--	4.0	101.0	200.0	209.0	202.0	5.0	--	--																																																																																																																																																																																																																																											
Bureau of Land Management 16/	AM	4.0	4.0	4.0	5.0	22.0	25.0	13.0	11.0	12.0	13.0	8.0																																																																																																																																																																																																																																											
Pasture rent/lease 17/	AUM	--	--	13.2	14.3	15.4	--	--	15.9	14.1	11.0	--																																																																																																																																																																																																																																											
State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Deeded rangeland 17/	AUM	--	14.2	33.6	66.8	461.2	363.9	243.8	236.6	221.6	223.6	184.5																																																																																																																																																																																																																																											
Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	156.1	122.7																																																																																																																																																																																																																																											
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	47.0	36.8	37.2																																																																																																																																																																																																																																											
Hay	Ton	110.5	116.7	116.7	116.7	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Marketing month:																																																																																																																																																																																																																																																							
Steer calves	Head	--	--	--	--	--	--	--	--	--	--	137.0																																																																																																																																																																																																																																											
Heifer calves	Head	--	--	--	--	--	--	--	--	--	--	70.0																																																																																																																																																																																																																																											
Yearling steers	Head	--	--	--	--	--	--	--	--	7.0	--	--																																																																																																																																																																																																																																											
Yearling heifers	Head	--	--	--	--	--	--	--	--	1.0	13.0	--																																																																																																																																																																																																																																											
Cull cows	Head	--	--	--	--	--	--	--	--	--	43.0	--																																																																																																																																																																																																																																											

Table 50--Beef cow enterprises with 500 or more cows, Grand Mesa, Gunnison, Uncompahgre National Forest, Central and Western Colorado, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																										
Production:							Cash costs—Continued																																																																																																																																																																																																																																																
Bred cows 1/	Head	707	--	--	--	--	Protein supplement 5/	Ton	--	--	--	--	--																																																																																																																																																																																																																																										
Annual cow loss	Head	14	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																										
Cows culled	Head	81	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--																																																																																																																																																																																																																																										
Calves born alive	Head	661	--	--	--	--	Salt and mineral	Cwt	247.5	--	4.57	1,131	1.60																																																																																																																																																																																																																																										
Calves lost birth to weaning	Head	33	--	--	--	--	Veterinary & medicine	Dol	--	--	--	4,440	6.28																																																																																																																																																																																																																																										
Steer calves weaned	Head	314	--	--	--	--	Hired trucking	Dol	--	--	--	2,404	3.40																																																																																																																																																																																																																																										
Sold as weaners	Head	298	--	--	--	--	Marketing 6/	Dol	--	--	--	2,092	2.96																																																																																																																																																																																																																																										
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	Dol	--	--	--	6,655	9.41																																																																																																																																																																																																																																										
Sold as yearlings	Head	16	--	--	--	--	Hired labor	Hrs	4,822.0	--	4.22	20,349	28.78																																																																																																																																																																																																																																										
Heifer calves weaned	Head	314	--	--	--	--	Fuel and lubricants	Dol	--	--	--	4,802	6.79																																																																																																																																																																																																																																										
Sold as weaners	Head	177	--	--	--	--	Repairs	Dol	--	--	--	10,082	14.26																																																																																																																																																																																																																																										
Lost after weaning	Head	2	--	--	--	--	Taxes 8/	Dol	--	--	--	4,264	6.03																																																																																																																																																																																																																																										
Sold as yearlings	Head	40	--	--	--	--	Insurance	Dol	--	--	--	3,425	4.84																																																																																																																																																																																																																																										
Kept for herd replacement 2/	Head	95	--	--	--	--	Interest on operating capital 9/	Dol	64,195.6	--	0.15	9,886	13.98																																																																																																																																																																																																																																										
Bulls	Head	28	--	--	--	--	Total cash costs	Dol	--	--	--	127,147	179.84																																																																																																																																																																																																																																										
Sales:							Other costs:																																																																																																																																																																																																																																																
Steer calves	Head	298	425	67.49	85,476	--	Family labor 10/	Hrs	2,793.0	--	4.22	11,786	16.67																																																																																																																																																																																																																																										
Heifer calves	Head	177	400	58.20	41,206	--	Capital replacement 11/	Dol	--	--	--	33,073	46.78																																																																																																																																																																																																																																										
Yearling steers	Head	16	700	64.43	7,216	--	Interest on investment other than land 13/	Dol	--	--	--	64,690	91.50																																																																																																																																																																																																																																										
Yearling heifers	Head	40	750	57.10	17,130	--	Interest on land 13/	Dol	--	--	--	239,976	339.43																																																																																																																																																																																																																																										
Cull cows	Head	81	950	35.05	26,971	--	Total other costs	Dol	--	--	--	349,525	494.38																																																																																																																																																																																																																																										
Total sales	Head	--	--	--	177,999	251.77	Total all costs	Dol	--	--	--	476,672	674.22																																																																																																																																																																																																																																										
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																
Federal grazing fees 3/	AM	1,718.0	--	1.86	3,195	4.52	Return above cash costs and family labor	Dol	--	--	--	39,066	55.26																																																																																																																																																																																																																																										
Private pasture lease	AUM	183.0	--	9.04	1,654	2.34	Return to total investment 14/	Dol	--	--	--	5,993	8.48																																																																																																																																																																																																																																										
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-58,697	-83.02																																																																																																																																																																																																																																										
State land lease	AUM	--	--	--	--	--																																																																																																																																																																																																																																																	
Irrigated pasture	AUM	879.7	--	4.48	3,941	5.57																																																																																																																																																																																																																																																	
Hay produced	Ton	753.6	--	42.80	32,254	45.62																																																																																																																																																																																																																																																	
Hay purchased	Ton	251.1	--	66.00	16,573	23.44																																																																																																																																																																																																																																																	
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td>Feed source:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>2.0</td> <td>240.0</td> <td>399.0</td> <td>428.0</td> <td>408.0</td> <td>154.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>8.0</td> <td>6.0</td> <td>7.0</td> <td>7.0</td> <td>13.0</td> <td>10.0</td> <td>6.0</td> <td>5.0</td> <td>5.0</td> <td>7.0</td> <td>7.0</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>--</td> <td>28.8</td> <td>31.1</td> <td>33.5</td> <td>--</td> <td>--</td> <td>--</td> <td>34.7</td> <td>30.8</td> <td>24.1</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>--</td> <td>35.9</td> <td>75.3</td> <td>150.2</td> <td>1,062.8</td> <td>829.9</td> <td>619.5</td> <td>584.1</td> <td>555.9</td> <td>332.8</td> <td>423.9</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>341.7</td> <td>267.7</td> <td>270.3</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>102.5</td> <td>80.3</td> <td>81.1</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>241.2</td> <td>254.5</td> <td>254.5</td> <td>254.5</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Marketing month:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>298.0</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>177.0</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>16.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>18.0</td> <td>22.0</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>81.0</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:													National Forest 16/	AM	--	--	--	2.0	240.0	399.0	428.0	408.0	154.0	--	--	Bureau of Land Management 16/	AM	8.0	6.0	7.0	7.0	13.0	10.0	6.0	5.0	5.0	7.0	7.0	Pasture rent/lease 17/	AUM	--	28.8	31.1	33.5	--	--	--	34.7	30.8	24.1	--	State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--	Deeded rangeland 17/	AUM	--	35.9	75.3	150.2	1,062.8	829.9	619.5	584.1	555.9	332.8	423.9	Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	341.7	267.7	270.3	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	102.5	80.3	81.1	Hay	Ton	241.2	254.5	254.5	254.5	--	--	--	--	--	--	--	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--	Marketing month:													Steer calves	Head	--	--	--	--	--	--	--	--	--	--	298.0	Heifer calves	Head	--	--	--	--	--	--	--	--	--	--	177.0	Yearling steers	Head	--	--	--	--	--	--	--	--	16.0	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	--	18.0	22.0	--	Cull cows	Head	--	--	--	--	--	--	--	--	--	81.0	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																											
Feed source:																																																																																																																																																																																																																																																							
National Forest 16/	AM	--	--	--	2.0	240.0	399.0	428.0	408.0	154.0	--	--																																																																																																																																																																																																																																											
Bureau of Land Management 16/	AM	8.0	6.0	7.0	7.0	13.0	10.0	6.0	5.0	5.0	7.0	7.0																																																																																																																																																																																																																																											
Pasture rent/lease 17/	AUM	--	28.8	31.1	33.5	--	--	--	34.7	30.8	24.1	--																																																																																																																																																																																																																																											
State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Deeded rangeland 17/	AUM	--	35.9	75.3	150.2	1,062.8	829.9	619.5	584.1	555.9	332.8	423.9																																																																																																																																																																																																																																											
Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	341.7	267.7	270.3																																																																																																																																																																																																																																											
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	102.5	80.3	81.1																																																																																																																																																																																																																																											
Hay	Ton	241.2	254.5	254.5	254.5	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Marketing month:																																																																																																																																																																																																																																																							
Steer calves	Head	--	--	--	--	--	--	--	--	--	--	298.0																																																																																																																																																																																																																																											
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Yearling steers	Head	--	--	--	--	--	--	--	--	16.0	--	--																																																																																																																																																																																																																																											
Yearling heifers	Head	--	--	--	--	--	--	--	--	18.0	22.0	--																																																																																																																																																																																																																																											
Cull cows	Head	--	--	--	--	--	--	--	--	--	81.0	--																																																																																																																																																																																																																																											

Table 51--Beef cow enterprises with up to 99 cows, Medicine Bow National Forest, South-Central Wyoming, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																												
Production:							Cash costs--Continued																																																																																																																																																																																																																																																		
Bred cows 1/	Head	42	--	--	--	--	Protein supplement 5/	Ton	5.2	--	218.40	1,136	27.05																																																																																																																																																																																																																																												
Annual cow loss	Head	1	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																												
Cows culled	Head	6	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--																																																																																																																																																																																																																																												
Calves born alive	Head	37	--	--	--	--	Salt and mineral	Cwt	14.7	--	3.91	57	1.36																																																																																																																																																																																																																																												
Calves lost birth to weaning	Head	2	--	--	--	--	Veterinary & medicine	Dol	--	--	--	197	4.69																																																																																																																																																																																																																																												
Steer calves weaned	Head	17	--	--	--	--	Hired trucking	Dol	--	--	--	204	4.86																																																																																																																																																																																																																																												
Sold as weaners	Head	9	--	--	--	--	Marketing 6/	Dol	--	--	--	193	4.60																																																																																																																																																																																																																																												
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	Dol	--	--	--	585	13.93																																																																																																																																																																																																																																												
Sold as yearlings	Head	8	--	--	--	--	Hired labor	Hrs	12.0	--	4.13	50	1.19																																																																																																																																																																																																																																												
Heifer calves weaned	Head	18	--	--	--	--	Fuel and lubricants	Dol	--	--	--	1,597	38.02																																																																																																																																																																																																																																												
Sold as weaners	Head	6	--	--	--	--	Repairs	Dol	--	--	--	1,208	28.76																																																																																																																																																																																																																																												
Lost after weaning	Head	--	--	--	--	--	Taxes 8/	Dol	--	--	--	494	11.76																																																																																																																																																																																																																																												
Sold as yearlings	Head	5	--	--	--	--	Insurance	Dol	--	--	--	268	6.38																																																																																																																																																																																																																																												
Kept for herd replacement 2/	Head	7	--	--	--	--	Interest on operating capital 9/	Dol	5,140.4	--	0.16	807	19.21																																																																																																																																																																																																																																												
Bulls	Head	2	--	--	--	--	Total cash costs	Dol	--	--	--	9,652	229.81																																																																																																																																																																																																																																												
Sales:							Other costs:																																																																																																																																																																																																																																																		
Steer calves	Head	9	400	67.24	2,421	--	Family labor 10/	Hrs	576.0	--	4.13	2,379	56.64																																																																																																																																																																																																																																												
Heifer calves	Head	6	375	59.42	1,337	--	Capital replacement 11/	Dol	--	--	--	2,624	62.48																																																																																																																																																																																																																																												
Yearling steers	Head	8	725	63.39	3,677	--	Interest on investment other than land 13/	Dol	--	--	--	5,299	126.17																																																																																																																																																																																																																																												
Yearling heifers	Head	5	700	58.42	2,045	--	Interest on land 13/	Dol	--	--	--	23,501	559.55																																																																																																																																																																																																																																												
Cull cows	Head	6	967	35.05	2,034	--	Total other costs	Dol	--	--	--	33,803	804.83																																																																																																																																																																																																																																												
Total sales	Head	--	--	--	11,514	274.14	Total all costs	Dol	--	--	--	43,455	1034.64																																																																																																																																																																																																																																												
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																		
Federal grazing fees 3/	AM	84.0	--	1.86	156	3.71	Return above cash costs:	Dol	--	--	--	1,862	44.33																																																																																																																																																																																																																																												
Private pasture lease	AUM	--	--	--	--	--	Return above cash costs and family labor	Dol	--	--	--	-517	-12.31																																																																																																																																																																																																																																												
Other pasture lease 4/	AUM	--	--	--	--	--	Return to total investment 14/	Dol	--	--	--	-3,141	-74.79																																																																																																																																																																																																																																												
State land lease	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-8,440	-200.95																																																																																																																																																																																																																																												
Irrigated pasture	AUM	--	--	--	--	--																																																																																																																																																																																																																																																			
Hay produced	Ton	77.0	--	35.06	2,700	64.29																																																																																																																																																																																																																																																			
Hay purchased	Ton	--	--	--	--	--																																																																																																																																																																																																																																																			
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td colspan="14">Feed source:</td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>5.0</td> <td>7.0</td> <td>19.0</td> <td>22.0</td> <td>15.0</td> <td>4.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>2.0</td> <td>2.0</td> <td>2.0</td> <td>2.0</td> <td>2.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>2.4</td> <td>7.4</td> <td>11.4</td> <td>17.4</td> <td>64.5</td> <td>66.0</td> <td>47.3</td> <td>55.9</td> <td>--</td> <td>--</td> <td>2.4</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>53.8</td> <td>27.2</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>14.0</td> <td>14.0</td> <td>14.0</td> <td>14.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>7.0</td> <td>14.0</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>1.0</td> <td>1.0</td> <td>1.0</td> <td>1.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>0.2</td> <td>1.0</td> </tr> <tr> <td colspan="14">Marketing month:</td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>9.0</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>6.0</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>8.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>5.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>6.0</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:														National Forest 16/	AM	--	--	--	5.0	7.0	19.0	22.0	15.0	4.0	--	--	Bureau of Land Management 16/	AM	--	--	--	2.0	2.0	2.0	2.0	2.0	--	--	--	Pasture rent/lease 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--	Deeded rangeland 17/	AUM	2.4	7.4	11.4	17.4	64.5	66.0	47.3	55.9	--	--	2.4	Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	53.8	27.2	--	Hay	Ton	14.0	14.0	14.0	14.0	--	--	--	--	--	7.0	14.0	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	1.0	1.0	1.0	1.0	--	--	--	--	--	0.2	1.0	Marketing month:														Steer calves	Head	--	--	--	--	--	--	--	--	--	9.0	--	Heifer calves	Head	--	--	--	--	--	--	--	--	--	6.0	--	Yearling steers	Head	--	--	--	--	--	--	--	--	8.0	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	--	5.0	--	--	Cull cows	Head	--	--	--	--	--	--	--	--	--	6.0	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																													
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Deeded rangeland 17/	AUM	2.4	7.4	11.4	17.4	64.5	66.0	47.3	55.9	--	--	2.4																																																																																																																																																																																																																																													
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Hay	Ton	14.0	14.0	14.0	14.0	--	--	--	--	--	7.0	14.0																																																																																																																																																																																																																																													
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Protein supplement	Ton	1.0	1.0	1.0	1.0	--	--	--	--	--	0.2	1.0																																																																																																																																																																																																																																													
Marketing month:																																																																																																																																																																																																																																																									
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Yearling heifers	Head	--	--	--	--	--	--	--	--	5.0	--	--																																																																																																																																																																																																																																													
Cull cows	Head	--	--	--	--	--	--	--	--	--	6.0	--																																																																																																																																																																																																																																													

Table 52—Beef cow enterprises with 100-499 cows, Medicine Bow National Forest, South-Central Wyoming, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																												
Production:							Cash costs--Continued:																																																																																																																																																																																																																																																		
Bred cows 1/	Head	309	--	--	--	--	Protein supplement 5/	Ton	38.2	--	218.40	8,343	27.00																																																																																																																																																																																																																																												
Annual cow loss	Head	9	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																												
Cows culled	Head	45	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--																																																																																																																																																																																																																																												
Calves born alive	Head	266	--	--	--	--	Salt and mineral	Cwt	108.1	--	3.91	423	1.37																																																																																																																																																																																																																																												
Calves lost birth to weaning	Head	19	--	--	--	--	Veterinary & medicine	Dol	--	--	--	600	1.94																																																																																																																																																																																																																																												
Steer calves weaned	Head	123	--	--	--	--	Hired trucking	Dol	--	--	--	694	2.25																																																																																																																																																																																																																																												
Sold as weaners	Head	62	--	--	--	--	Marketing 6/	Dol	--	--	--	802	2.60																																																																																																																																																																																																																																												
Lost after weaning	Head	1	--	--	--	--	General overhead 7/	Dol	--	--	--	2,908	9.41																																																																																																																																																																																																																																												
Sold as yearlings	Head	60	--	--	--	--	Hired labor	Hrs	910.0	--	4.13	3,758	12.16																																																																																																																																																																																																																																												
Heifer calves weaned	Head	124	--	--	--	--	Fuel and lubricants	Dol	--	--	--	3,914	12.67																																																																																																																																																																																																																																												
Sold as weaners	Head	33	--	--	--	--	Repairs	Dol	--	--	--	6,382	20.65																																																																																																																																																																																																																																												
Lost after weaning	Head	1	--	--	--	--	Taxes 8/	Dol	--	--	--	3,138	10.16																																																																																																																																																																																																																																												
Sold as yearlings	Head	36	--	--	--	--	Insurance	Dol	--	--	--	1,795	5.81																																																																																																																																																																																																																																												
Kept for herd replacement 2/	Head	54	--	--	--	--	Interest on operating capital 9/	Dol	30,668.6	--	0.16	4,815	15.58																																																																																																																																																																																																																																												
Bulls	Head	17	--	--	--	--	Total cash costs	Dol	--	--	--	58,898	190.61																																																																																																																																																																																																																																												
Sales:							Other costs:																																																																																																																																																																																																																																																		
Steer calves	Head	62	395	69.14	16,932	--	Family labor 10/	Hrs	2,025.0	--	4.13	8,363	27.06																																																																																																																																																																																																																																												
Heifer calves	Head	33	370	59.42	7,255	--	Capital replacement 11/	Dol	--	--	--	23,210	75.11																																																																																																																																																																																																																																												
Yearling steers	Head	60	725	63.39	27,575	--	Interest on investment other than land 13/	Dol	--	--	--	35,998	116.50																																																																																																																																																																																																																																												
Yearling heifers	Head	36	700	58.42	14,722	--	Interest on land 13/	Dol	--	--	--	162,842	527.00																																																																																																																																																																																																																																												
Cull cows	Head	45	945	35.05	14,905	--	Total other costs	Dol	--	--	--	230,413	745.67																																																																																																																																																																																																																																												
Total sales	Head	--	--	--	81,389	263.39	Total all costs	Dol	--	--	--	289,311	936.28																																																																																																																																																																																																																																												
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																		
Federal grazing fees 3/	AM	516.0	--	1.86	960	3.11	Return above cash costs:	Dol	--	--	--	22,491	72.79																																																																																																																																																																																																																																												
Private pasture lease	AUM	--	--	--	--	--	Return above cash costs:	Dol	--	--	--	14,128	45.72																																																																																																																																																																																																																																												
Other pasture lease 4/	AUM	--	--	--	--	--	and family labor	Dol	--	--	--	--	--																																																																																																																																																																																																																																												
State land lease	AUM	--	--	--	--	--	Return to total investment 14/	Dol	--	--	--	-9,082	-29.39																																																																																																																																																																																																																																												
Irrigated pasture	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-45,080	-145.89																																																																																																																																																																																																																																												
Hay produced	Ton	530.1	--	35.06	18,585	60.15																																																																																																																																																																																																																																																			
Hay purchased	Ton	27.9	--	63.83	1,781	5.76																																																																																																																																																																																																																																																			
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td colspan="14">Feed source:</td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>6.0</td> <td>38.0</td> <td>95.0</td> <td>96.0</td> <td>82.0</td> <td>25.0</td> <td>6.0</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>11.0</td> <td>11.0</td> <td>3.0</td> <td>3.0</td> <td>27.0</td> <td>21.0</td> <td>22.0</td> <td>--</td> <td>27.0</td> <td>20.0</td> <td>11.0</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>7.9</td> <td>45.8</td> <td>85.3</td> <td>124.0</td> <td>516.5</td> <td>498.7</td> <td>429.8</td> <td>429.1</td> <td>434.9</td> <td>--</td> <td>7.9</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>392.8</td> <td>211.8</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>103.0</td> <td>103.0</td> <td>103.0</td> <td>103.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>43.0</td> <td>103.0</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>6.9</td> <td>6.9</td> <td>6.9</td> <td>6.9</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>3.7</td> <td>6.9</td> </tr> <tr> <td colspan="14">Marketing month:</td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>62.0</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>33.0</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>60.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>26.0</td> <td>10.0</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>45.0</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:														National Forest 16/	AM	--	--	--	6.0	38.0	95.0	96.0	82.0	25.0	6.0	--	Bureau of Land Management 16/	AM	11.0	11.0	3.0	3.0	27.0	21.0	22.0	--	27.0	20.0	11.0	Pasture rent/lease 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--	Deeded rangeland 17/	AUM	7.9	45.8	85.3	124.0	516.5	498.7	429.8	429.1	434.9	--	7.9	Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	392.8	211.8	--	Hay	Ton	103.0	103.0	103.0	103.0	--	--	--	--	--	43.0	103.0	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	6.9	6.9	6.9	6.9	--	--	--	--	--	3.7	6.9	Marketing month:														Steer calves	Head	--	--	--	--	--	--	--	--	--	62.0	--	Heifer calves	Head	--	--	--	--	--	--	--	--	--	33.0	--	Yearling steers	Head	--	--	--	--	--	--	--	--	60.0	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	--	26.0	10.0	--	Cull cows	Head	--	--	--	--	--	--	--	--	--	45.0	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																													
Feed source:																																																																																																																																																																																																																																																									
National Forest 16/	AM	--	--	--	6.0	38.0	95.0	96.0	82.0	25.0	6.0	--																																																																																																																																																																																																																																													
Bureau of Land Management 16/	AM	11.0	11.0	3.0	3.0	27.0	21.0	22.0	--	27.0	20.0	11.0																																																																																																																																																																																																																																													
Pasture rent/lease 17/	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Deeded rangeland 17/	AUM	7.9	45.8	85.3	124.0	516.5	498.7	429.8	429.1	434.9	--	7.9																																																																																																																																																																																																																																													
Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	392.8	211.8	--																																																																																																																																																																																																																																													
Hay	Ton	103.0	103.0	103.0	103.0	--	--	--	--	--	43.0	103.0																																																																																																																																																																																																																																													
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Protein supplement	Ton	6.9	6.9	6.9	6.9	--	--	--	--	--	3.7	6.9																																																																																																																																																																																																																																													
Marketing month:																																																																																																																																																																																																																																																									
Steer calves	Head	--	--	--	--	--	--	--	--	--	62.0	--																																																																																																																																																																																																																																													
Heifer calves	Head	--	--	--	--	--	--	--	--	--	33.0	--																																																																																																																																																																																																																																													
Yearling steers	Head	--	--	--	--	--	--	--	--	60.0	--	--																																																																																																																																																																																																																																													
Yearling heifers	Head	--	--	--	--	--	--	--	--	26.0	10.0	--																																																																																																																																																																																																																																													
Cull cows	Head	--	--	--	--	--	--	--	--	--	45.0	--																																																																																																																																																																																																																																													

Table 53--Beef cow enterprises with 500-999 cows, Medicine Bow National Forest, South-Central Wyoming, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																												
Production:							Cash costs--Continued																																																																																																																																																																																																																																																		
Bred cows 1/	Head	646	--	--	--	--	Protein supplement 5/	Ton	80.0	--	218.40	17,472	27.05																																																																																																																																																																																																																																												
Annual cow loss	Head	19	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																												
Cows culled	Head	81	--	--	--	--	Other feed	Ton	--	--	--	--	--																																																																																																																																																																																																																																												
Calves born alive	Head	556	--	--	--	--	Salt and mineral	Cwt	226.0	--	3.91	884	1.37																																																																																																																																																																																																																																												
Calves lost birth to weaning	Head	39	--	--	--	--	Veterinary & medicine	Dol	--	--	--	1,255	1.94																																																																																																																																																																																																																																												
Steer calves weaned	Head	258	--	--	--	--	Hired trucking	Dol	--	--	--	1,450	2.24																																																																																																																																																																																																																																												
Sold as weaners	Head	129	--	--	--	--	Marketing 6/	Dol	--	--	--	1,678	2.60																																																																																																																																																																																																																																												
Lost after weaning	Head	3	--	--	--	--	General overhead 7/	Dol	--	--	--	6,080	9.41																																																																																																																																																																																																																																												
Sold as yearlings	Head	126	--	--	--	--	Hired labor	Hrs	4,234.0	--	4.13	17,486	27.07																																																																																																																																																																																																																																												
Heifer calves weaned	Head	259	--	--	--	--	Fuel and lubricants	Dol	--	--	--	8,116	12.56																																																																																																																																																																																																																																												
Sold as weaners	Head	90	--	--	--	--	Repairs	Dol	--	--	--	11,137	17.24																																																																																																																																																																																																																																												
Lost after weaning	Head	1	--	--	--	--	Taxes 8/	Dol	--	--	--	5,884	9.11																																																																																																																																																																																																																																												
Sold as yearlings	Head	68	--	--	--	--	Insurance	Dol	--	--	--	3,644	5.64																																																																																																																																																																																																																																												
Kept for herd replacement 2/	Head	100	--	--	--	--	Interest on operating capital 9/	Dol	65,370.2	--	0.16	10,263	15.89																																																																																																																																																																																																																																												
Bulls	Head	29	--	--	--	--	Total cash costs	Dol	--	--	--	133,926	207.32																																																																																																																																																																																																																																												
Sales:							Other costs:																																																																																																																																																																																																																																																		
Steer calves	Head	129	395	69.14	35,230	--	Family labor 10/	Hrs	1,903.0	--	4.13	7,859	12.17																																																																																																																																																																																																																																												
Heifer calves	Head	90	370	59.42	19,787	--	Capital replacement 11/	Dol	--	--	--	40,070	62.03																																																																																																																																																																																																																																												
Yearling steers	Head	126	725	63.39	57,907	--	Interest on investment other than land 13/	Dol	--	--	--	73,494	113.77																																																																																																																																																																																																																																												
Yearling heifers	Head	68	700	58.42	27,808	--	Interest on land 13/	Dol	--	--	--	294,946	456.57																																																																																																																																																																																																																																												
Cull cows	Head	81	980	35.05	27,823	--	Total other costs	Dol	--	--	--	416,369	644.53																																																																																																																																																																																																																																												
Total sales	Head	--	--	--	168,555	260.92	Total all costs	Dol	--	--	--	550,295	851.85																																																																																																																																																																																																																																												
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																		
Federal grazing fees 3/	AM	641.0	--	1.86	1,192	1.85	Return above cash costs and family labor	Dol	--	--	--	34,629	53.61																																																																																																																																																																																																																																												
Private pasture lease	AUM	--	--	--	--	--	Return to total investment 14/	Dol	--	--	--	26,770	41.44																																																																																																																																																																																																																																												
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-13,300	-20.59																																																																																																																																																																																																																																												
State land lease	AUM	523.5	--	1.44	754	1.17						-86,794	-134.36																																																																																																																																																																																																																																												
Irrigated pasture	AUM	--	--	--	--	--																																																																																																																																																																																																																																																			
Hay produced	Ton	1,006.7	--	35.06	35,295	54.64																																																																																																																																																																																																																																																			
Hay purchased	Ton	177.6	--	63.83	11,336	17.55																																																																																																																																																																																																																																																			
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td colspan="14">Feed source:</td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>50.0</td> <td>112.0</td> <td>133.0</td> <td>119.0</td> <td>49.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>10.0</td> <td>12.0</td> <td>38.0</td> <td>39.0</td> <td>37.0</td> <td>9.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>111.4</td> <td>108.1</td> <td>102.5</td> <td>101.3</td> <td>100.2</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>32.3</td> <td>113.3</td> <td>177.3</td> <td>244.3</td> <td>1,002.3</td> <td>972.6</td> <td>922.1</td> <td>911.8</td> <td>902.3</td> <td>436.2</td> <td>32.3</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>425.0</td> <td>412.7</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>215.3</td> <td>215.3</td> <td>215.3</td> <td>215.3</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>107.8</td> <td>215.3</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>14.5</td> <td>14.5</td> <td>14.5</td> <td>14.5</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>7.5</td> <td>14.5</td> </tr> <tr> <td colspan="14">Marketing month:</td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>129</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>90</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>126</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>42</td> <td>26</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>81</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:														National Forest 16/	AM	--	--	--	--	50.0	112.0	133.0	119.0	49.0	--	--	Bureau of Land Management 16/	AM	--	--	--	10.0	12.0	38.0	39.0	37.0	9.0	--	--	Pasture rent/lease 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	State land lease	AUM	--	--	--	111.4	108.1	102.5	101.3	100.2	--	--	--	Deeded rangeland 17/	AUM	32.3	113.3	177.3	244.3	1,002.3	972.6	922.1	911.8	902.3	436.2	32.3	Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	425.0	412.7	--	Hay	Ton	215.3	215.3	215.3	215.3	--	--	--	--	--	107.8	215.3	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	14.5	14.5	14.5	14.5	--	--	--	--	--	7.5	14.5	Marketing month:														Steer calves	Head	--	--	--	--	--	--	--	--	--	129	--	Heifer calves	Head	--	--	--	--	--	--	--	--	--	90	--	Yearling steers	Head	--	--	--	--	--	--	--	--	126	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	--	42	26	--	Cull cows	Head	--	--	--	--	--	--	--	--	--	81	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																													
Feed source:																																																																																																																																																																																																																																																									
National Forest 16/	AM	--	--	--	--	50.0	112.0	133.0	119.0	49.0	--	--																																																																																																																																																																																																																																													
Bureau of Land Management 16/	AM	--	--	--	10.0	12.0	38.0	39.0	37.0	9.0	--	--																																																																																																																																																																																																																																													
Pasture rent/lease 17/	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
State land lease	AUM	--	--	--	111.4	108.1	102.5	101.3	100.2	--	--	--																																																																																																																																																																																																																																													
Deeded rangeland 17/	AUM	32.3	113.3	177.3	244.3	1,002.3	972.6	922.1	911.8	902.3	436.2	32.3																																																																																																																																																																																																																																													
Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	425.0	412.7	--																																																																																																																																																																																																																																													
Hay	Ton	215.3	215.3	215.3	215.3	--	--	--	--	--	107.8	215.3																																																																																																																																																																																																																																													
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Protein supplement	Ton	14.5	14.5	14.5	14.5	--	--	--	--	--	7.5	14.5																																																																																																																																																																																																																																													
Marketing month:																																																																																																																																																																																																																																																									
Steer calves	Head	--	--	--	--	--	--	--	--	--	129	--																																																																																																																																																																																																																																													
Heifer calves	Head	--	--	--	--	--	--	--	--	--	90	--																																																																																																																																																																																																																																													
Yearling steers	Head	--	--	--	--	--	--	--	--	126	--	--																																																																																																																																																																																																																																													
Yearling heifers	Head	--	--	--	--	--	--	--	--	42	26	--																																																																																																																																																																																																																																													
Cull cows	Head	--	--	--	--	--	--	--	--	--	81	--																																																																																																																																																																																																																																													

Table 54--Beef cow enterprises with 1,000 or more cows, Medicine Bow National Forest, South-Central Wyoming, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																										
Production:							Cash costs--Continued:																																																																																																																																																																																																																																																
Bred cows 1/	Head	1,912	--	--	--	--	Protein supplement 5/	Ton	236.6	--	218.40	51,673	27.03																																																																																																																																																																																																																																										
Annual cow loss	Head	62	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																										
Cows culled	Head	210	--	--	--	--	Other feed	Ton	--	--	--	--	--																																																																																																																																																																																																																																										
Calves born alive	Head	1,644	--	--	--	--	Salt and mineral	Cwt	669.2	--	3.91	2,617	1.37																																																																																																																																																																																																																																										
Calves lost birth to weaning	Head	115	--	--	--	--	Veterinary & medicine	Dol	--	--	--	3,713	1.94																																																																																																																																																																																																																																										
Steer calves weaned	Head	764	--	--	--	--	Hired trucking	Dol	--	--	--	4,293	2.25																																																																																																																																																																																																																																										
Sold as weaners	Head	382	--	--	--	--	Marketing 6/	Dol	--	--	--	4,966	2.60																																																																																																																																																																																																																																										
Lost after weaning	Head	8	--	--	--	--	General overhead 7/	Dol	--	--	--	17,996	9.41																																																																																																																																																																																																																																										
Sold as yearlings	Head	374	--	--	--	--	Hired labor	Hrs	12,532.0	--	4.13	51,757	27.07																																																																																																																																																																																																																																										
Heifer calves weaned	Head	765	--	--	--	--	Fuel and lubricants	Dol	--	--	--	26,527	13.87																																																																																																																																																																																																																																										
Sold as weaners	Head	210	--	--	--	--	Repairs	Dol	--	--	--	25,419	13.29																																																																																																																																																																																																																																										
Lost after weaning	Head	6	--	--	--	--	Taxes 8/	Dol	--	--	--	16,432	8.59																																																																																																																																																																																																																																										
Sold as yearlings	Head	277	--	--	--	--	Insurance	Dol	--	--	--	10,920	5.71																																																																																																																																																																																																																																										
Kept for herd replacement 2/	Head	272	--	--	--	--	Interest on operating capital 9/	Dol	191,092.0	--	0.16	30,001	15.69																																																																																																																																																																																																																																										
Bulls	Head	106	--	--	--	--	Total cash costs	Dol	--	--	--	390,620	204.29																																																																																																																																																																																																																																										
Sales:							Other costs:																																																																																																																																																																																																																																																
Steer calves	Head	382	395	69.14	104,325	--	Family labor 10/	Hrs	5,632.0	--	4.13	23,260	12.17																																																																																																																																																																																																																																										
Heifer calves	Head	210	370	59.42	46,169	--	Capital replacement 11/	Dol	--	--	--	103,898	54.34																																																																																																																																																																																																																																										
Yearling steers	Head	374	725	63.39	171,882	--	Interest on investment other than land 13/	Dol	--	--	--	212,706	111.25																																																																																																																																																																																																																																										
Yearling heifers	Head	277	700	58.42	113,276	--	Interest on land 13/	Dol	--	--	--	832,988	435.66																																																																																																																																																																																																																																										
Cull cows	Head	210	980	35.05	72,133	--	Total other costs	Dol	--	--	--	-1,172,852	613.42																																																																																																																																																																																																																																										
Total sales	Head	--	--	--	507,785	265.58	Total all costs	Dol	--	--	--	-1,563,472	817.71																																																																																																																																																																																																																																										
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																
Federal grazing fees 3/	AM	1,974.0	--	1.86	3,672	1.92	Return above cash costs and family labor	Dol	--	--	--	117,165	61.28																																																																																																																																																																																																																																										
Private pasture lease	AUM	--	--	--	--	--	Return to total investment 14/	Dol	--	--	--	-9,993	-5.23																																																																																																																																																																																																																																										
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-222,699	-116.47																																																																																																																																																																																																																																										
State land lease	AUM	1,813.0	--	1.44	2,611	1.37																																																																																																																																																																																																																																																	
Irrigated pasture	AUM	--	--	--	--	--																																																																																																																																																																																																																																																	
Hay produced	Ton	2,979.5	--	35.06	104,461	54.63																																																																																																																																																																																																																																																	
Hay purchased	Ton	525.8	--	63.83	33,562	17.55																																																																																																																																																																																																																																																	
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td>Feed source:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>118.0</td> <td>236.0</td> <td>242.0</td> <td>242.0</td> <td>26.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>12.0</td> <td>12.0</td> <td>12.0</td> <td>12.0</td> <td>103.0</td> <td>187.0</td> <td>187.0</td> <td>187.0</td> <td>187.0</td> <td>12.0</td> <td>12.0</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>322.6</td> <td>316.3</td> <td>308.3</td> <td>312.3</td> <td>301.5</td> <td>252.1</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>103.9</td> <td>340.7</td> <td>530.6</td> <td>767.3</td> <td>2,903.5</td> <td>2,846.5</td> <td>2,774.8</td> <td>2,810.2</td> <td>2,713.6</td> <td>1,134.3</td> <td>103.9</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>1,134.3</td> <td>1,230.9</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>637.3</td> <td>637.3</td> <td>637.3</td> <td>637.3</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>318.6</td> <td>637.5</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>43.0</td> <td>43.0</td> <td>43.0</td> <td>43.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>21.6</td> <td>43.0</td> </tr> <tr> <td>Marketing month:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>382</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>210</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>374</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>217</td> <td>60</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>210</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:													National Forest 16/	AM	--	--	--	--	118.0	236.0	242.0	242.0	26.0	--	--	Bureau of Land Management 16/	AM	12.0	12.0	12.0	12.0	103.0	187.0	187.0	187.0	187.0	12.0	12.0	Pasture rent/lease 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	State land lease	AUM	--	--	--	--	322.6	316.3	308.3	312.3	301.5	252.1	--	Deeded rangeland 17/	AUM	103.9	340.7	530.6	767.3	2,903.5	2,846.5	2,774.8	2,810.2	2,713.6	1,134.3	103.9	Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	1,134.3	1,230.9	--	Hay	Ton	637.3	637.3	637.3	637.3	--	--	--	--	--	318.6	637.5	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	43.0	43.0	43.0	43.0	--	--	--	--	--	21.6	43.0	Marketing month:													Steer calves	Head	--	--	--	--	--	--	--	--	--	382	--	Heifer calves	Head	--	--	--	--	--	--	--	--	--	210	--	Yearling steers	Head	--	--	--	--	--	--	--	--	374	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	--	217	60	--	Cull cows	Head	--	--	--	--	--	--	--	--	--	210	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																											
Feed source:																																																																																																																																																																																																																																																							
National Forest 16/	AM	--	--	--	--	118.0	236.0	242.0	242.0	26.0	--	--																																																																																																																																																																																																																																											
Bureau of Land Management 16/	AM	12.0	12.0	12.0	12.0	103.0	187.0	187.0	187.0	187.0	12.0	12.0																																																																																																																																																																																																																																											
Pasture rent/lease 17/	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
State land lease	AUM	--	--	--	--	322.6	316.3	308.3	312.3	301.5	252.1	--																																																																																																																																																																																																																																											
Deeded rangeland 17/	AUM	103.9	340.7	530.6	767.3	2,903.5	2,846.5	2,774.8	2,810.2	2,713.6	1,134.3	103.9																																																																																																																																																																																																																																											
Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	1,134.3	1,230.9	--																																																																																																																																																																																																																																											
Hay	Ton	637.3	637.3	637.3	637.3	--	--	--	--	--	318.6	637.5																																																																																																																																																																																																																																											
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Protein supplement	Ton	43.0	43.0	43.0	43.0	--	--	--	--	--	21.6	43.0																																																																																																																																																																																																																																											
Marketing month:																																																																																																																																																																																																																																																							
Steer calves	Head	--	--	--	--	--	--	--	--	--	382	--																																																																																																																																																																																																																																											
Heifer calves	Head	--	--	--	--	--	--	--	--	--	210	--																																																																																																																																																																																																																																											
Yearling steers	Head	--	--	--	--	--	--	--	--	374	--	--																																																																																																																																																																																																																																											
Yearling heifers	Head	--	--	--	--	--	--	--	--	217	60	--																																																																																																																																																																																																																																											
Cull cows	Head	--	--	--	--	--	--	--	--	--	210	--																																																																																																																																																																																																																																											

Table 55--Beef cow enterprises with up to 199 cows, Nebraska National Forest, Northwestern Nebraska, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																																										
Production:							Cash costs--Continued																																																																																																																																																																																																																																																																
Bred cows 1/	Head	93	--	--	--	--	Protein supplement 5/	Ton	5.7	--	221.60	1,263	13.58																																																																																																																																																																																																																																																										
Annual cow loss	Head	1	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																																										
Cows culled	Head	10	--	--	--	--	Miscellaneous	Ton	--	--	--	80	0.86																																																																																																																																																																																																																																																										
Calves born alive	Head	84	--	--	--	--	Salt and mineral	Cwt	32.5	--	3.86	125	1.34																																																																																																																																																																																																																																																										
Calves lost birth to weaning	Head	4	--	--	--	--	Veterinary & medicine	Dol	--	--	--	586	6.30																																																																																																																																																																																																																																																										
Steer calves weaned	Head	40	--	--	--	--	Hired trucking	Dol	--	--	--	200	2.15																																																																																																																																																																																																																																																										
Sold as weaners	Head	21	--	--	--	--	Marketing 6/	Dol	--	--	--	343	3.69																																																																																																																																																																																																																																																										
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	Dol	--	--	--	894	9.61																																																																																																																																																																																																																																																										
Sold as yearlings	Head	19	--	--	--	--	Hired labor	Hrs	121.0	--	4.40	532	5.72																																																																																																																																																																																																																																																										
Heifer calves weaned	Head	40	--	--	--	--	Fuel and lubricants	Dol	--	--	--	1,987	21.37																																																																																																																																																																																																																																																										
Sold as weaners	Head	14	--	--	--	--	Repairs	Dol	--	--	--	1,635	17.58																																																																																																																																																																																																																																																										
Lost after weaning	Head	--	--	--	--	--	Taxes 8/	Dol	--	--	--	1,088	11.70																																																																																																																																																																																																																																																										
Sold as yearlings	Head	15	--	--	--	--	Insurance	Dol	--	--	--	500	5.38																																																																																																																																																																																																																																																										
Kept for herd replacement 2/	Head	11	--	--	--	--	Interest on operating capital 9/	Dol	9,870.3	--	0.16	1,550	16.67																																																																																																																																																																																																																																																										
Bulls	Head	4	--	--	--	--	Total cash costs	Dol	--	--	--	16,784	180.47																																																																																																																																																																																																																																																										
Sales:							Other costs:																																																																																																																																																																																																																																																																
Steer calves	Head	21	457	67.24	6,453	--	Family labor 10/	Hrs	1,767.0	--	4.40	7,775	83.60																																																																																																																																																																																																																																																										
Heifer calves	Head	14	409	58.24	3,335	--	Capital replacement 11/	Dol	--	--	--	4,339	46.66																																																																																																																																																																																																																																																										
Yearling steers	Head	19	750	65.12	9,280	--	Interest on investment other than land 13/	Dol	--	--	--	10,808	116.22																																																																																																																																																																																																																																																										
Yearling heifers	Head	15	666	60.85	6,079	--	Interest on land 13/	Dol	--	--	--	36,961	397.43																																																																																																																																																																																																																																																										
Cull cows	Head	10	936	37.71	3,530	--	Total other costs	Dol	--	--	--	59,883	643.90																																																																																																																																																																																																																																																										
Total sales	Head	--	--	--	28,677	308.35	Total all costs	Dol	--	--	--	76,667	824.38																																																																																																																																																																																																																																																										
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																																
Federal grazing fees 3/	AM	259.0	--	1.86	482	5.18	Return above cash costs and family labor investment 14/	Dol	--	--	--	4,118	44.28																																																																																																																																																																																																																																																										
Private pasture lease	AUM	63.0	--	13.80	869	9.34	Return to total	Dol	--	--	--	--	--																																																																																																																																																																																																																																																										
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-11,029	-118.59																																																																																																																																																																																																																																																										
State land lease	AUM	--	--	--	--	--																																																																																																																																																																																																																																																																	
Irrigated pasture	AUM	--	--	--	--	--																																																																																																																																																																																																																																																																	
Hay produced	Ton	103.0	--	34.40	3,543	38.10																																																																																																																																																																																																																																																																	
Hay purchased	Ton	18.0	--	61.50	1,107	11.90																																																																																																																																																																																																																																																																	
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td>Feed source:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>24.0</td> <td>51.0</td> <td>51.0</td> <td>50.0</td> <td>50.0</td> <td>28.0</td> <td>5.0</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>9.5</td> <td>9.9</td> <td>10.4</td> <td>10.8</td> <td>10.5</td> <td>5.4</td> <td>6.5</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>21.6</td> <td>33.6</td> <td>43.6</td> <td>54.6</td> <td>85.6</td> <td>89.6</td> <td>94.1</td> <td>97.2</td> <td>94.2</td> <td>48.4</td> <td>58.6</td> <td>64.0</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>61.0</td> <td>46.0</td> <td>39.0</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>26.9</td> <td>26.9</td> <td>26.9</td> <td>26.9</td> <td>8.9</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>4.5</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>1.3</td> <td>1.3</td> <td>1.3</td> <td>0.9</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>0.9</td> </tr> <tr> <td colspan="14">Marketing month:</td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>21.0</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>14.0</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>19.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>12.0</td> <td>3.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>10.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:													National Forest 16/	AM	--	--	--	--	24.0	51.0	51.0	50.0	50.0	28.0	5.0	--	Bureau of Land Management 16/	AM	--	--	--	--	--	--	--	--	--	--	--	--	Pasture rent/lease 17/	AUM	--	--	--	--	9.5	9.9	10.4	10.8	10.5	5.4	6.5	--	State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--	--	Deeded rangeland 17/	AUM	21.6	33.6	43.6	54.6	85.6	89.6	94.1	97.2	94.2	48.4	58.6	64.0	Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	61.0	46.0	39.0	Hay	Ton	26.9	26.9	26.9	26.9	8.9	--	--	--	--	--	--	4.5	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	1.3	1.3	1.3	0.9	--	--	--	--	--	--	--	0.9	Marketing month:														Steer calves	Head	--	--	--	--	--	--	--	--	--	--	21.0	--	Heifer calves	Head	--	--	--	--	--	--	--	--	--	--	14.0	--	Yearling steers	Head	--	--	--	--	--	--	--	19.0	--	--	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	12.0	3.0	--	--	--	Cull cows	Head	--	--	--	--	--	--	--	--	10.0	--	--	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																																											
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Protein supplement	Ton	1.3	1.3	1.3	0.9	--	--	--	--	--	--	--	0.9																																																																																																																																																																																																																																																										
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Table 56--Beef cow enterprises with 200-999 cows, Nebraska National Forest, Northwestern Nebraska, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow
Production:							Cash costs--Continued						
Bred cows 1/	Head	391	--	--	--	--	Protein supplement 5/	Ton	23.9	--	221.60	5,296	13.54
Annual cow loss	Head	6	--	--	--	--	Grain	Bu	--	--	--	--	--
Cows culled	Head	43	--	--	--	--	Miscellaneous	Ton	--	--	--	592	1.51
Calves born alive	Head	352	--	--	--	--	Salt and mineral	Cwt	136.8	--	3.86	528	1.35
Calves lost birth to weaning	Head	15	--	--	--	--	Veterinary & medicine	Dol	--	--	--	2,335	5.97
Steer calves weaned	Head	168	--	--	--	--	Hired trucking	Dol	--	--	--	1,072	2.74
Sold as weaners	Head	89	--	--	--	--	Marketing 6/	Dol	--	--	--	1,225	3.13
Lost after weaning	Head	2	--	--	--	--	General overhead 7/	Dol	--	--	--	2,675	6.84
Sold as yearlings	Head	77	--	--	--	--	Hired labor	Hrs	1,279.0	--	4.40	5,628	14.39
Heifer calves weaned	Head	169	--	--	--	--	Fuel and lubricants	Dol	--	--	--	3,648	9.33
Sold as weaners	Head	56	--	--	--	--	Repairs	Dol	--	--	--	5,891	15.07
Lost after weaning	Head	2	--	--	--	--	Taxes 8/	Dol	--	--	--	3,769	9.64
Sold as yearlings	Head	62	--	--	--	--	Insurance	Dol	--	--	--	1,863	4.76
Kept for herd							Interest on operating capital 9/	Dol	40,805.4	--	0.16	6,406	16.38
Replacement 2/	Head	49	--	--	--	--	Total cash costs	Dol	--	--	--	72,970	186.62
Bulls	Head	16	--	--	--	--	Other costs:						
Sales:							Family labor 10/	Hrs	5,501.0	--	4.40	24,204	61.90
Steer calves	Head	89	457	67.24	27,349	--	Capital replacement 11/	Dol	--	--	--	18,074	46.23
Heifer calves	Head	56	409	58.24	13,339	--	Interest on investment other than land 13/	Dol	--	--	--	36,525	93.41
Yearling steers	Head	77	750	65.12	37,607	--	Interest on land 13/	Dol	--	--	--	145,454	372.01
Yearling heifers	Head	62	666	60.85	25,126	--	Total other costs	Dol	--	--	--	224,257	573.55
Cull cows	Head	43	936	37.71	15,178	--	Total all costs	Dol	--	--	--	297,227	760.17
Total sales	Head	--	--	--	118,599	303.32	Return above cash costs:						
Cash costs:							Return above cash costs and family labor	Dol	--	--	--	21,425	54.80
Federal grazing fees 3/	AM	800.0	--	1.86	1,488	3.81	Return to total investment 14/	Dol	--	--	--	3,351	8.57
Private pasture lease	AUM	794.0	--	13.80	10,957	28.02	Return to land 15/	Dol	--	--	--	-33,174	-84.84
Other pasture lease 4/	AUM	--	--	--	--	--	Feed source:						
State land lease	AUM	--	--	--	--	--	National Forest 16/	AM	--	--	--	--	--
Irrigated pasture	AUM	--	--	--	--	--	Bureau of Land Management 16/	AM	--	--	--	--	--
Hay produced	Ton	432.0	--	34.40	14,861	38.01	Pasture rent/lease 17/	AUM	18.0	28.0	36.0	48.0	94.0
Hay purchased	Ton	77.0	--	61.50	4,736	12.11	State land lease	AUM	--	--	--	--	--
							Deeded rangeland 17/	AUM	73.0	112.0	143.0	188.0	373.0
							Irrigated pasture 17/	AUM	--	--	--	--	--
							Crop residue 17/	AUM	--	--	--	--	--
							Hay	Ton	113.0	113.0	113.0	113.0	38.0
							Grain	Bu	--	--	--	--	--
							Protein supplement	Ton	5.5	5.5	5.5	3.7	--
Marketing month:							Marketing month:						
Steer calves	Head	--	--	--	--	--	Steer calves	Head	--	--	--	--	89.0
Heifer calves	Head	--	--	--	--	--	Heifer calves	Head	--	--	--	--	56.0
Yearling steers	Head	--	--	--	--	--	Yearling steers	Head	--	--	--	--	--
Yearling heifers	Head	--	--	--	--	--	Yearling heifers	Head	--	--	--	77.0	--
Cull cows	Head	--	--	--	--	--	Cull cows	Head	--	--	--	51.0	11.0
												43.0	--

Table 57--Beef cow enterprises with 1,000 or more cows, Nebraska National Forest, Northwestern Nebraska, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow
Production:							:Cash costs--Continued						
Bred cows 1/	Head	1,677	--	--	--	--	Protein supplement 5/	Ton	101.9	--	221.60	22,581	13.47
Annual cow loss	Head	27	--	--	--	--	Grain	Bu	--	--	--	--	--
Cows culled	Head	184	--	--	--	--	Miscellaneous	Ton	--	--	--	2,764	1.65
Calves born alive	Head	1,509	--	--	--	--	Salt and mineral	Cwt	586.9	--	3.86	2,265	1.35
Calves lost birth to weaning	Head	65	--	--	--	--	Veterinary & medicine	Dol	--	--	--	9,072	5.41
Steer calves weaned	Head	722	--	--	--	--	Hired trucking	Dol	--	--	--	4,296	2.56
Sold as weaners	Head	383	--	--	--	--	Marketing 6/	Dol	--	--	--	3,795	2.26
Lost after weaning	Head	7	--	--	--	--	General overhead 7/	Dol	--	--	--	8,982	5.36
Sold as yearlings	Head	332	--	--	--	--	Hired labor	Hrs	13,282.0	--	4.40	58,441	34.85
Heifer calves weaned	Head	722	--	--	--	--	Fuel and lubricants	Dol	--	--	--	6,803	4.06
Sold as weaners	Head	239	--	--	--	--	Repairs	Dol	--	--	--	10,559	6.30
Lost after weaning	Head	9	--	--	--	--	Taxes 8/	Dol	--	--	--	13,781	8.22
Sold as yearlings	Head	263	--	--	--	--	Insurance	Dol	--	--	--	7,465	4.45
Kept for herd replacement 2/	Head	211	--	--	--	--	Interest on operating capital 9/	Dol	150,637.5	--	0.16	23,650	14.10
Bulls	Head	70	--	--	--	--	Total cash costs	Dol	--	--	--	313,413	186.89
Sales:							:Other costs:						
Steer calves	Head	383	457	67.24	117,691	--	Family labor 10/	Hrs	7,882.0	--	4.40	34,681	20.68
Heifer calves	Head	239	409	58.24	56,930	--	Capital replacement 11/	Dol	--	--	--	36,611	21.83
Yearling steers	Head	332	750	65.12	162,149	--	Interest on investment other than land 13/	Dol	--	--	--	143,161	85.37
Yearling heifers	Head	263	666	60.85	106,584	--	Interest on land 13/	Dol	--	--	--	565,890	337.44
Cull cows	Head	184	936	37.71	64,946	--	Total other costs	Dol	--	--	--	780,343	465.32
Total sales	Head	--	--	--	508,300	303.10	Total all costs	Dol	--	--	--	1,093,756	652.21
Cash costs:							:Return above cash costs:						
Federal grazing fees 3/	AM	2,587.0	--	1.86	4,812	2.87	and family labor	Dol	--	--	--	160,206	95.53
Private pasture lease	AUM	3,640.0	--	13.80	50,232	29.95	Return to total investment 14/	Dol	--	--	--	123,595	73.70
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-19,566	-11.67
State land lease	AUM	--	--	--	--	--							
Irrigated pasture	AUM	--	--	--	--	--							
Hay produced	Ton	1,853.0	--	34.40	63,743	38.01							
Hay purchased	Ton	328.0	--	61.50	20,172	12.03							
: Jan. : Feb. : Mar. : Apr. : May : June : July : Aug. : Sept. : Oct. : Nov. : Dec.													
Feed source:													
National Forest 16/	AM	--	--	--	--	213.0	461.0	462.0	462.0	461.0	416.0	112.0	--
Bureau of Land Management 16/	AM	--	--	--	--	--	--	--	--	--	--	--	--
Pasture rent/lease 17/	AUM	88.0	120.0	154.0	194.0	418.0	490.0	508.0	508.0	500.0	218.0	228.0	214.0
State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--	--
Deeded rangeland 17/	AUM	302.0	479.0	612.0	780.0	1,675.0	1,965.0	2,028.0	2,068.0	1,994.0	869.0	913.0	860.0
Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	1,104.0	836.0	706.0
Hay	Ton	485.0	485.0	485.0	485.0	161.0	--	--	--	--	--	--	80.0
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--
Protein supplement	Ton	23.5	23.5	23.5	15.7	--	--	--	--	--	--	--	15.7
Marketing month:													
Steer calves	Head	--	--	--	--	--	--	--	--	--	--	383.0	--
Heifer calves	Head	--	--	--	--	--	--	--	--	--	--	239.0	--
Yearling steers	Head	--	--	--	--	--	--	--	--	332.0	--	--	--
Yearling heifers	Head	--	--	--	--	--	--	--	--	215.0	48.0	--	--
Cull cows	Head	--	--	--	--	--	--	--	--	--	184.0	--	--

Table 58--Beef cow enterprises with up to 149 cows, Pike and San Isabel National Forests, Central Colorado, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value		Item	Unit	Number	Average weight (pounds)	Price	Total Value																																																																																																																																																																																																																																															
					Value	per cow						Value	per cow																																																																																																																																																																																																																																														
Production:							Cash costs--Continued																																																																																																																																																																																																																																																				
Bred cows ^{1/}	Head	67	--	--	--	--	Protein supplement ^{5/}	Ton	5.7	--	193.00	1,100	16.42																																																																																																																																																																																																																																														
Annual cow loss	Head	2	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																														
Cows culled	Head	7	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--																																																																																																																																																																																																																																														
Calves born alive	Head	60	--	--	--	--	Salt and mineral	Cwt	23.5	--	4.57	107	1.60																																																																																																																																																																																																																																														
Calves lost birth to weaning	Head	6	--	--	--	--	Veterinary & medicine	Dol	--	--	--	349	5.21																																																																																																																																																																																																																																														
Steer calves weaned	Head	27	--	--	--	--	Hired trucking	Dol	--	--	--	95	1.42																																																																																																																																																																																																																																														
Sold as weaners	Head	26	--	--	--	--	Marketing ^{6/}	Dol	--	--	--	216	3.22																																																																																																																																																																																																																																														
Lost after weaning	Head	--	--	--	--	--	General overhead ^{7/}	Dol	--	--	--	628	9.37																																																																																																																																																																																																																																														
Sold as yearlings	Head	1	--	--	--	--	Hired labor	Hrs	134.0	--	4.22	565	8.43																																																																																																																																																																																																																																														
Heifer calves weaned	Head	27	--	--	--	--	Fuel and lubricants	Dol	--	--	--	1,230	18.36																																																																																																																																																																																																																																														
Sold as weaners	Head	16	--	--	--	--	Repairs	Dol	--	--	--	1,126	16.81																																																																																																																																																																																																																																														
Lost after weaning	Head	--	--	--	--	--	Taxes ^{8/}	Dol	--	--	--	458	6.84																																																																																																																																																																																																																																														
Sold as yearlings	Head	2	--	--	--	--	Insurance	Dol	--	--	--	351	5.24																																																																																																																																																																																																																																														
Kept for herd replacement ^{2/}	Head	9	--	--	--	--	Interest on operating capital ^{9/}	Dol	5,186.12	--	0.15	799	11.93																																																																																																																																																																																																																																														
Bulls	Head	3	--	--	--	--	Total cash costs	Dol	--	--	--	13,127	195.93																																																																																																																																																																																																																																														
Sales:							Other costs:																																																																																																																																																																																																																																																				
Steer calves	Head	26	350	70.90	6,452	--	Family labor ^{10/}	Hrs	844.0	--	4.22	3,562	53.16																																																																																																																																																																																																																																														
Heifer calves	Head	16	335	61.71	3,308	--	Capital replacement ^{11/}	Dol	--	--	--	2,261	33.75																																																																																																																																																																																																																																														
Yearling steers	Head	1	675	65.66	443	--	Interest on Investment other than land ^{13/}	Dol	--	--	--	6,661	99.42																																																																																																																																																																																																																																														
Yearling heifers	Head	2	650	57.10	742	--	Interest on land ^{13/}	Dol	--	--	--	23,164	345.73																																																																																																																																																																																																																																														
Cull cows	Head	7	950	35.05	2,331	--	Total other costs	Dol	--	--	--	35,648	532.06																																																																																																																																																																																																																																														
Total sales	Head	--	--	--	13,276	198.15	Total all costs	Dol	--	--	--	48,775	727.90																																																																																																																																																																																																																																														
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																				
Federal grazing fees ^{3/}	AM	125.0	--	1.86	233	3.48	Return above cash costs and family labor	Dol	--	--	--	149	2.22																																																																																																																																																																																																																																														
Private pasture lease	AUM	233.3	--	9.04	2,109	31.48	Return to total investment ^{14/}	Dol	--	--	--	-5,674	-84.69																																																																																																																																																																																																																																														
Other pasture lease ^{4/}	AUM	--	--	--	--	--	Return to land ^{15/}	Dol	--	--	--	-12,335	-184.10																																																																																																																																																																																																																																														
State land lease	AUM	6.9	--	1.83	13	0.19																																																																																																																																																																																																																																																					
Irrigated pasture	AUM	--	--	--	--	--																																																																																																																																																																																																																																																					
Hay produced	Ton	57.8	--	42.80	2,474	36.93																																																																																																																																																																																																																																																					
Hay purchased	Ton	19.3	--	66.00	1,274	19.01																																																																																																																																																																																																																																																					
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td colspan="14">Feed source:</td> </tr> <tr> <td>National Forest ^{16/}</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>17.0</td> <td>34.0</td> <td>35.0</td> <td>30.0</td> <td>9.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management ^{16/}</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Pasture rent/lease ^{17/}</td> <td>AUM</td> <td>7.2</td> <td>9.1</td> <td>11.0</td> <td>12.9</td> <td>19.3</td> <td>30.5</td> <td>30.8</td> <td>31.1</td> <td>29.4</td> <td>26.5</td> <td>18.3</td> <td>7.2</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>2.3</td> <td>2.3</td> <td>2.3</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland ^{17/}</td> <td>AUM</td> <td>19.4</td> <td>24.5</td> <td>29.7</td> <td>34.8</td> <td>52.1</td> <td>55.4</td> <td>31.3</td> <td>30.5</td> <td>38.6</td> <td>59.2</td> <td>--</td> <td>19.4</td> </tr> <tr> <td>Irrigated pasture ^{17/}</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue ^{17/}</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>55.7</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>13.6</td> <td>13.6</td> <td>13.6</td> <td>13.6</td> <td>9.1</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>13.6</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>1.0</td> <td>1.0</td> <td>1.0</td> <td>1.0</td> <td>0.7</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>1.0</td> </tr> <tr> <td colspan="14">Marketing month:</td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>26.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>16.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>1.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>2.0</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>7.0</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:														National Forest ^{16/}	AM	--	--	--	--	17.0	34.0	35.0	30.0	9.0	--	--	Bureau of Land Management ^{16/}	AM	--	--	--	--	--	--	--	--	--	--	--	Pasture rent/lease ^{17/}	AUM	7.2	9.1	11.0	12.9	19.3	30.5	30.8	31.1	29.4	26.5	18.3	7.2	State land lease	AUM	--	--	--	--	--	2.3	2.3	2.3	--	--	--	Deeded rangeland ^{17/}	AUM	19.4	24.5	29.7	34.8	52.1	55.4	31.3	30.5	38.6	59.2	--	19.4	Irrigated pasture ^{17/}	AUM	--	--	--	--	--	--	--	--	--	--	--	Crop residue ^{17/}	AUM	--	--	--	--	--	--	--	--	--	55.7	--	Hay	Ton	13.6	13.6	13.6	13.6	9.1	--	--	--	--	--	13.6	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	1.0	1.0	1.0	1.0	0.7	--	--	--	--	--	1.0	Marketing month:														Steer calves	Head	--	--	--	--	--	--	--	--	26.0	--	--	Heifer calves	Head	--	--	--	--	--	--	--	--	16.0	--	--	Yearling steers	Head	--	--	--	--	--	--	--	1.0	--	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	--	--	2.0	--	Cull cows	Head	--	--	--	--	--	--	--	--	--	7.0	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																															
Feed source:																																																																																																																																																																																																																																																											
National Forest ^{16/}	AM	--	--	--	--	17.0	34.0	35.0	30.0	9.0	--	--																																																																																																																																																																																																																																															
Bureau of Land Management ^{16/}	AM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																															
Pasture rent/lease ^{17/}	AUM	7.2	9.1	11.0	12.9	19.3	30.5	30.8	31.1	29.4	26.5	18.3	7.2																																																																																																																																																																																																																																														
State land lease	AUM	--	--	--	--	--	2.3	2.3	2.3	--	--	--																																																																																																																																																																																																																																															
Deeded rangeland ^{17/}	AUM	19.4	24.5	29.7	34.8	52.1	55.4	31.3	30.5	38.6	59.2	--	19.4																																																																																																																																																																																																																																														
Irrigated pasture ^{17/}	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																															
Crop residue ^{17/}	AUM	--	--	--	--	--	--	--	--	--	55.7	--																																																																																																																																																																																																																																															
Hay	Ton	13.6	13.6	13.6	13.6	9.1	--	--	--	--	--	13.6																																																																																																																																																																																																																																															
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																															
Protein supplement	Ton	1.0	1.0	1.0	1.0	0.7	--	--	--	--	--	1.0																																																																																																																																																																																																																																															
Marketing month:																																																																																																																																																																																																																																																											
Steer calves	Head	--	--	--	--	--	--	--	--	26.0	--	--																																																																																																																																																																																																																																															
Heifer calves	Head	--	--	--	--	--	--	--	--	16.0	--	--																																																																																																																																																																																																																																															
Yearling steers	Head	--	--	--	--	--	--	--	1.0	--	--	--																																																																																																																																																																																																																																															
Yearling heifers	Head	--	--	--	--	--	--	--	--	--	2.0	--																																																																																																																																																																																																																																															
Cull cows	Head	--	--	--	--	--	--	--	--	--	7.0	--																																																																																																																																																																																																																																															

Table 59--Beef cow enterprises with 150-499 cows, Pike and San Isabel National Forests, Central Colorado, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																											
Production:							Cash costs--Continued																																																																																																																																																																																																																																																	
Bred cows 1/	Head	266	--	--	--	--	Protein supplement 5/	Ton	22.7	--	193.00	4,381	16.47																																																																																																																																																																																																																																											
Annual cow loss	Head	8	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																											
Cows culled	Head	28	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--																																																																																																																																																																																																																																											
Calves born alive	Head	239	--	--	--	--	Salt and mineral	Cwt	93.1	--	4.57	425	1.60																																																																																																																																																																																																																																											
Calves lost birth to weaning	Head	24	--	--	--	--	Veterinary & medicine	Dol	--	--	--	1,934	7.27																																																																																																																																																																																																																																											
Steer calves weaned	Head	107	--	--	--	--	Hired trucking	Dol	--	--	--	1,110	4.17																																																																																																																																																																																																																																											
Sold as weaners	Head	103	--	--	--	--	Marketing 6/	Dol	--	--	--	644	2.42																																																																																																																																																																																																																																											
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	Dol	--	--	--	2,493	9.37																																																																																																																																																																																																																																											
Sold as yearlings	Head	4	--	--	--	--	Hired labor	Hrs	1,048.0	--	4.22	4,423	16.63																																																																																																																																																																																																																																											
Heifer calves weaned	Head	108	--	--	--	--	Fuel and lubricants	Dol	--	--	--	3,872	14.56																																																																																																																																																																																																																																											
Sold as weaners	Head	60	--	--	--	--	Repairs	Dol	--	--	--	3,560	13.38																																																																																																																																																																																																																																											
Lost after weaning	Head	1	--	--	--	--	Taxes 8/	Dol	--	--	--	1,794	6.74																																																																																																																																																																																																																																											
Sold as yearlings	Head	11	--	--	--	--	Insurance	Dol	--	--	--	1,368	5.14																																																																																																																																																																																																																																											
Kept for herd replacement 2/	Head	36	--	--	--	--	Interest on operating capital 9/	Dol	21,305.1	--	0.15	3,281	12.33																																																																																																																																																																																																																																											
Bulls	Head	11	--	--	--	--	Total cash costs	Dol	--	--	--	53,124	199.71																																																																																																																																																																																																																																											
Sales:							Other costs:																																																																																																																																																																																																																																																	
Steer calves	Head	103	350	70.90	25,559	--	Family labor 10/	Hrs	3,868.0	--	4.22	16,323	61.36																																																																																																																																																																																																																																											
Heifer calves	Head	60	335	61.71	12,404	--	Capital replacement 11/	Dol	--	--	--	8,502	31.96																																																																																																																																																																																																																																											
Yearling steers	Head	4	675	65.95	1,781	--	Interest on investment other than land 13/	Dol	--	--	--	26,179	98.42																																																																																																																																																																																																																																											
Yearling heifers	Head	11	650	57.10	4,083	--	Interest on land 13/	Dol	--	--	--	90,599	340.60																																																																																																																																																																																																																																											
Cull cows	Head	28	950	35.05	9,323	--	Total other costs	Dol	--	--	--	141,603	532.34																																																																																																																																																																																																																																											
Total sales	Head	--	--	--	53,150	199.81	Total all costs	Dol	--	--	--	194,727	732.06																																																																																																																																																																																																																																											
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																	
Federal grazing fees 3/	AM	447.0	--	1.86	831	3.12	Return above cash costs and family labor investment 14/	Dol	--	--	--	26	0.10																																																																																																																																																																																																																																											
Private pasture lease	AUM	897.5	--	9.04	8,113	30.50	Return above cash costs:	Dol	--	--	--	-16,297	-61.27																																																																																																																																																																																																																																											
Other pasture lease 4/	AUM	--	--	--	--	--	Return to total investment 14/	Dol	--	--	--	-24,799	-93.23																																																																																																																																																																																																																																											
State land lease	AUM	26.6	--	1.83	49	0.18	Return to land 15/	Dol	--	--	--	-50,978	-191.65																																																																																																																																																																																																																																											
Irrigated pasture	AUM	--	--	--	--	--																																																																																																																																																																																																																																																		
Hay produced	Ton	228.9	--	42.80	9,797	36.83																																																																																																																																																																																																																																																		
Hay purchased	Ton	76.5	--	66.00	5,049	18.98																																																																																																																																																																																																																																																		
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td>Feed source:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>64.0</td> <td>121.0</td> <td>121.0</td> <td>107.0</td> <td>28.0</td> <td>5.0</td> <td>1.0</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>26.4</td> <td>34.3</td> <td>41.3</td> <td>48.7</td> <td>71.4</td> <td>118.5</td> <td>119.6</td> <td>120.2</td> <td>113.4</td> <td>93.9</td> <td>83.6</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>8.8</td> <td>8.9</td> <td>8.9</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>76.4</td> <td>98.6</td> <td>117.6</td> <td>138.8</td> <td>199.9</td> <td>226.2</td> <td>202.5</td> <td>149.2</td> <td>170.4</td> <td>253.8</td> <td>75.7</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>212.4</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>53.9</td> <td>53.9</td> <td>53.9</td> <td>53.9</td> <td>35.9</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>53.9</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>4.0</td> <td>4.0</td> <td>4.0</td> <td>4.0</td> <td>2.7</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>4.0</td> </tr> <tr> <td colspan="14">Marketing month:</td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>103.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>60.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>4.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>3.0</td> <td>--</td> <td>8.0</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>28.0</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:													National Forest 16/	AM	--	--	--	--	64.0	121.0	121.0	107.0	28.0	5.0	1.0	Bureau of Land Management 16/	AM	--	--	--	--	--	--	--	--	--	--	--	Pasture rent/lease 17/	AUM	26.4	34.3	41.3	48.7	71.4	118.5	119.6	120.2	113.4	93.9	83.6	State land lease	AUM	--	--	--	--	--	8.8	8.9	8.9	--	--	--	Deeded rangeland 17/	AUM	76.4	98.6	117.6	138.8	199.9	226.2	202.5	149.2	170.4	253.8	75.7	Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	212.4	--	Hay	Ton	53.9	53.9	53.9	53.9	35.9	--	--	--	--	--	53.9	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	4.0	4.0	4.0	4.0	2.7	--	--	--	--	--	4.0	Marketing month:														Steer calves	Head	--	--	--	--	--	--	--	--	103.0	--	--	Heifer calves	Head	--	--	--	--	--	--	--	--	60.0	--	--	Yearling steers	Head	--	--	--	--	--	--	--	4.0	--	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	3.0	--	8.0	--	Cull cows	Head	--	--	--	--	--	--	--	--	--	28.0	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																												
Feed source:																																																																																																																																																																																																																																																								
National Forest 16/	AM	--	--	--	--	64.0	121.0	121.0	107.0	28.0	5.0	1.0																																																																																																																																																																																																																																												
Bureau of Land Management 16/	AM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																												
Pasture rent/lease 17/	AUM	26.4	34.3	41.3	48.7	71.4	118.5	119.6	120.2	113.4	93.9	83.6																																																																																																																																																																																																																																												
State land lease	AUM	--	--	--	--	--	8.8	8.9	8.9	--	--	--																																																																																																																																																																																																																																												
Deeded rangeland 17/	AUM	76.4	98.6	117.6	138.8	199.9	226.2	202.5	149.2	170.4	253.8	75.7																																																																																																																																																																																																																																												
Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																												
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	212.4	--																																																																																																																																																																																																																																												
Hay	Ton	53.9	53.9	53.9	53.9	35.9	--	--	--	--	--	53.9																																																																																																																																																																																																																																												
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																												
Protein supplement	Ton	4.0	4.0	4.0	4.0	2.7	--	--	--	--	--	4.0																																																																																																																																																																																																																																												
Marketing month:																																																																																																																																																																																																																																																								
Steer calves	Head	--	--	--	--	--	--	--	--	103.0	--	--																																																																																																																																																																																																																																												
Heifer calves	Head	--	--	--	--	--	--	--	--	60.0	--	--																																																																																																																																																																																																																																												
Yearling steers	Head	--	--	--	--	--	--	--	4.0	--	--	--																																																																																																																																																																																																																																												
Yearling heifers	Head	--	--	--	--	--	--	--	3.0	--	8.0	--																																																																																																																																																																																																																																												
Cull cows	Head	--	--	--	--	--	--	--	--	--	28.0	--																																																																																																																																																																																																																																												

Table 60--Beef cow enterprises with 500 or more cows, Pike and San Isabel National Forests, Central Colorado, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																												
Production:							Cash costs--Continued																																																																																																																																																																																																																																																		
Bred cows 1/	Head	1,771	--	--	--	--	Protein supplement 5/	Ton	150.7	--	193.00	29,085	16.42																																																																																																																																																																																																																																												
Annual cow loss	Head	53	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																												
Cows culled	Head	186	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--																																																																																																																																																																																																																																												
Calves born alive	Head	1,595	--	--	--	--	Salt and mineral	Cwt	619.9	--	4.57	2,833	1.60																																																																																																																																																																																																																																												
Calves lost birth to weaning	Head	159	--	--	--	--	Veterinary & medicine	Dol	--	--	--	11,122	6.28																																																																																																																																																																																																																																												
Steer calves weaned	Head	718	--	--	--	--	Hired trucking	Dol	--	--	--	6,023	3.40																																																																																																																																																																																																																																												
Sold as weaners	Head	682	--	--	--	--	Marketing 6/	Dol	--	--	--	5,241	2.96																																																																																																																																																																																																																																												
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	Dol	--	--	--	14,228	8.03																																																																																																																																																																																																																																												
Sold as yearlings	Head	36	--	--	--	--	Hired labor	Hrs	8,078.0	--	4.22	34,089	19.25																																																																																																																																																																																																																																												
Heifer calves weaned	Head	718	--	--	--	--	Fuel and lubricants	Dol	--	--	--	6,627	3.74																																																																																																																																																																																																																																												
Sold as weaners	Head	406	--	--	--	--	Repairs	Dol	--	--	--	6,260	3.53																																																																																																																																																																																																																																												
Lost after weaning	Head	6	--	--	--	--	Taxes 8/	Dol	--	--	--	5,405	3.05																																																																																																																																																																																																																																												
Sold as yearlings	Head	67	--	--	--	--	Insurance	Dol	--	--	--	8,052	4.55																																																																																																																																																																																																																																												
Kept for herd							Interest on operating capital 9/	Dol	131,021.5	--	0.15	20,177	11.39																																																																																																																																																																																																																																												
Replacement 2/	Head	239	--	--	--	--	Total cash costs	Dol	--	--	--	313,822	177.20																																																																																																																																																																																																																																												
Bulls	Head	71	--	--	--	--	Other costs:																																																																																																																																																																																																																																																		
Sales:							Family labor 10/																																																																																																																																																																																																																																																		
Steer calves	Head	682	350	70.90	169,238	--	Capital replace-	Hrs	6,995.0	--	4.22	29,519	16.67																																																																																																																																																																																																																																												
Heifer calves	Head	406	335	61.71	83,932	--	ment 11/	Dol	--	--	--	29,108	16.44																																																																																																																																																																																																																																												
Yearling steers	Head	36	675	65.95	16,026	--	Interest on Invest-																																																																																																																																																																																																																																																		
Yearling heifers	Head	67	650	57.10	24,867	--	ment other than																																																																																																																																																																																																																																																		
Cull cows	Head	186	950	35.05	61,933	--	land 13/	Dol	--	--	--	150,217	84.82																																																																																																																																																																																																																																												
Total sales	Head	--	--	--	355,996	201.01	Interest on land 13/	Dol	--	--	--	307,675	173.73																																																																																																																																																																																																																																												
Cash costs:							Total other costs																																																																																																																																																																																																																																																		
Federal grazing fees 3/	AM	8,044.0	--	1.86	14,962	8.45	Total all costs	Dol	--	--	--	830,341	468.85																																																																																																																																																																																																																																												
Private pasture lease	AUM	5,598.1	--	9.04	50,607	28.58	Return above cash costs:	Dol	--	--	--	42,174	23.81																																																																																																																																																																																																																																												
Other pasture lease 4/	AUM	--	--	--	--	--	Return above cash costs:																																																																																																																																																																																																																																																		
State land lease	AUM	176.4	--	1.83	323	0.18	and family labor	Dol	--	--	--	12,655	7.15																																																																																																																																																																																																																																												
Irrigated pasture	AUM	--	--	--	--	--	Return to total																																																																																																																																																																																																																																																		
Hay produced	Ton	1,524.3	--	42.80	65,240	36.84	investment 14/	Dol	--	--	--	-16,453	-9.29																																																																																																																																																																																																																																												
Hay purchased	Ton	508.3	--	66.00	33,548	18.94	Return to land 15/	Dol	--	--	--	-166,670	-94.11																																																																																																																																																																																																																																												
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td colspan="14">Feed source:</td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>898.0</td> <td>1,319.0</td> <td>1,391.0</td> <td>1,393.0</td> <td>1,390.0</td> <td>1,321.0</td> <td>332.0</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>184.6</td> <td>237.2</td> <td>285.0</td> <td>337.4</td> <td>509.8</td> <td>802.4</td> <td>811.6</td> <td>816.5</td> <td>773.0</td> <td>206.0</td> <td>184.6</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>55.8</td> <td>60.1</td> <td>60.5</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>499.0</td> <td>641.3</td> <td>770.5</td> <td>912.2</td> <td>151.6</td> <td>186.4</td> <td>102.4</td> <td>111.9</td> <td>190.0</td> <td>556.9</td> <td>499.0</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>1,216.8</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>358.7</td> <td>358.7</td> <td>358.7</td> <td>358.7</td> <td>239.1</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>358.7</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>26.6</td> <td>26.6</td> <td>26.6</td> <td>26.6</td> <td>17.7</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>26.6</td> </tr> <tr> <td colspan="14">Marketing month:</td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>682.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>406.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>36.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>13.0</td> <td>--</td> <td>54.0</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>186.0</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:														National Forest 16/	AM	--	--	--	898.0	1,319.0	1,391.0	1,393.0	1,390.0	1,321.0	332.0	--	Bureau of Land Management 16/	AM	--	--	--	--	--	--	--	--	--	--	--	Pasture rent/lease 17/	AUM	184.6	237.2	285.0	337.4	509.8	802.4	811.6	816.5	773.0	206.0	184.6	State land lease	AUM	--	--	--	--	--	55.8	60.1	60.5	--	--	--	Deeded rangeland 17/	AUM	499.0	641.3	770.5	912.2	151.6	186.4	102.4	111.9	190.0	556.9	499.0	Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	1,216.8	--	Hay	Ton	358.7	358.7	358.7	358.7	239.1	--	--	--	--	--	358.7	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	26.6	26.6	26.6	26.6	17.7	--	--	--	--	--	26.6	Marketing month:														Steer calves	Head	--	--	--	--	--	--	--	--	682.0	--	--	Heifer calves	Head	--	--	--	--	--	--	--	--	406.0	--	--	Yearling steers	Head	--	--	--	--	--	--	--	36.0	--	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	13.0	--	54.0	--	Cull cows	Head	--	--	--	--	--	--	--	--	--	186.0	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																													
Feed source:																																																																																																																																																																																																																																																									
National Forest 16/	AM	--	--	--	898.0	1,319.0	1,391.0	1,393.0	1,390.0	1,321.0	332.0	--																																																																																																																																																																																																																																													
Bureau of Land Management 16/	AM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Pasture rent/lease 17/	AUM	184.6	237.2	285.0	337.4	509.8	802.4	811.6	816.5	773.0	206.0	184.6																																																																																																																																																																																																																																													
State land lease	AUM	--	--	--	--	--	55.8	60.1	60.5	--	--	--																																																																																																																																																																																																																																													
Deeded rangeland 17/	AUM	499.0	641.3	770.5	912.2	151.6	186.4	102.4	111.9	190.0	556.9	499.0																																																																																																																																																																																																																																													
Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	1,216.8	--																																																																																																																																																																																																																																													
Hay	Ton	358.7	358.7	358.7	358.7	239.1	--	--	--	--	--	358.7																																																																																																																																																																																																																																													
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Protein supplement	Ton	26.6	26.6	26.6	26.6	17.7	--	--	--	--	--	26.6																																																																																																																																																																																																																																													
Marketing month:																																																																																																																																																																																																																																																									
Steer calves	Head	--	--	--	--	--	--	--	--	682.0	--	--																																																																																																																																																																																																																																													
Heifer calves	Head	--	--	--	--	--	--	--	--	406.0	--	--																																																																																																																																																																																																																																													
Yearling steers	Head	--	--	--	--	--	--	--	36.0	--	--	--																																																																																																																																																																																																																																													
Yearling heifers	Head	--	--	--	--	--	--	--	13.0	--	54.0	--																																																																																																																																																																																																																																													
Cull cows	Head	--	--	--	--	--	--	--	--	--	186.0	--																																																																																																																																																																																																																																													

Table 61--Beef cow enterprises with up to 99 cows, Rio Grande National Forest, South-Central Colorado, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																										
Production:							Cash costs--Continued																																																																																																																																																																																																																																																
Bred cows 1/	Head	45	--	--	--	--	Protein supplement 5/	Ton	--	--	--	--	--																																																																																																																																																																																																																																										
Annual cow loss	Head	2	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																										
Cows culled	Head	3	--	--	--	--	Other feed	Ton	--	--	--	--	--																																																																																																																																																																																																																																										
Calves born alive	Head	42	--	--	--	--	Salt and mineral	Cwt	15.8	--	4.57	72	1.60																																																																																																																																																																																																																																										
Calves lost birth to weaning	Head	1	--	--	--	--	Veterinary & medicine	Dol	--	--	--	226	5.02																																																																																																																																																																																																																																										
Steer calves weaned	Head	20	--	--	--	--	Hired trucking	Dol	--	--	--	58	1.29																																																																																																																																																																																																																																										
Sold as weaners	Head	20	--	--	--	--	Marketing 6/	Dol	--	--	--	142	3.16																																																																																																																																																																																																																																										
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	Dol	--	--	--	834	18.53																																																																																																																																																																																																																																										
Sold as yearlings	Head	--	--	--	--	--	Hired labor	Hrs	90.0	--	4.22	380	8.44																																																																																																																																																																																																																																										
Heifer calves weaned	Head	21	--	--	--	--	Fuel and lubricants	Dol	--	--	--	490	10.89																																																																																																																																																																																																																																										
Sold as weaners	Head	14	--	--	--	--	Repairs	Dol	--	--	--	655	14.56																																																																																																																																																																																																																																										
Lost after weaning	Head	--	--	--	--	--	Taxes 8/	Dol	--	--	--	212	4.71																																																																																																																																																																																																																																										
Sold as yearlings	Head	2	--	--	--	--	Insurance	Dol	--	--	--	236	5.24																																																																																																																																																																																																																																										
Kept for herd replacement 2/	Head	5	--	--	--	--	Interest on operating capital 9/	Dol	3,238.0	--	0.15	499	11.09																																																																																																																																																																																																																																										
Bulls	Head	2	--	--	--	--	Total cash costs	Dol	--	--	--	8,167	181.49																																																																																																																																																																																																																																										
Sales:							Other costs:																																																																																																																																																																																																																																																
Steer calves	Head	20	410	68.01	5,577	--	Family labor 10/	Hrs	627.2	--	4.22	2,647	58.82																																																																																																																																																																																																																																										
Heifer calves	Head	14	375	61.71	3,240	--	Capital replacement 11/	Dol	--	--	--	1,636	36.36																																																																																																																																																																																																																																										
Yearling steers	Head	--	--	--	--	--	Interest on investment other than land 13/	Dol	--	--	--	--	--																																																																																																																																																																																																																																										
Yearling heifers	Head	2	610	58.42	713	--	Interest on land 13/	Dol	--	--	--	9,110	202.44																																																																																																																																																																																																																																										
Cull cows	Head	3	900	37.71	1,018	--	Total other costs	Dol	--	--	--	18,104	402.31																																																																																																																																																																																																																																										
Total sales	Head	--	--	--	10,548	234.40	Total all costs	Dol	--	--	--	26,271	583.80																																																																																																																																																																																																																																										
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																
Federal grazing fees 3/	AM	166.0	--	1.86	309	6.87	Return above cash costs and family labor	Dol	--	--	--	2,381	52.91																																																																																																																																																																																																																																										
Private pasture lease	AUM	--	--	--	--	--	Return to total investment 14/	Dol	--	--	--	-1,902	-42.27																																																																																																																																																																																																																																										
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-6,613	-146.96																																																																																																																																																																																																																																										
State land lease	AUM	--	--	--	--	--																																																																																																																																																																																																																																																	
Irrigated pasture	AUM	84.0	--	4.49	377	8.38																																																																																																																																																																																																																																																	
Hay produced	Ton	85.9	--	42.80	3,677	81.71																																																																																																																																																																																																																																																	
Hay purchased	Ton	--	--	--	--	--																																																																																																																																																																																																																																																	
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Irrigated pasture 17/	AUM	--	--	--	--	24.0	13.0	26.0	21.0	--	--	--																																																																																																																																																																																																																																											
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Hay	Ton	15.3	17.1	18.4	19.8	--	--	--	--	--	--	15.3																																																																																																																																																																																																																																											
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Marketing month:																																																																																																																																																																																																																																																							
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Heifer calves	Head	--	--	--	--	--	--	--	--	--	14.0	--																																																																																																																																																																																																																																											
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Cull cows	Head	--	--	--	--	--	--	--	--	--	3.0	--																																																																																																																																																																																																																																											

Table 62--Beef cow enterprises with 100-299 cows, Rio Grande National Forest, South-Central Colorado, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																												
Production:							Cash costs--Continued																																																																																																																																																																																																																																																		
Bred cows 1/	Head	175	--	--	--	--	Protein supplement 5/	Ton	--	--	--	--	--																																																																																																																																																																																																																																												
Annual cow loss	Head	2	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																												
Cows culled	Head	10	--	--	--	--	Other feed	Ton	--	--	--	--	--																																																																																																																																																																																																																																												
Calves born alive	Head	161	--	--	--	--	Salt and mineral	Cwt	61.3	--	4.57	280	1.60																																																																																																																																																																																																																																												
Calves lost birth to weaning	Head	5	--	--	--	--	Veterinary & medicine	Dol	--	--	--	1,218	6.96																																																																																																																																																																																																																																												
Steer calves weaned	Head	78	--	--	--	--	Hired trucking	Dol	--	--	--	714	4.08																																																																																																																																																																																																																																												
Sold as weaners	Head	78	--	--	--	--	Marketing 6/	Dol	--	--	--	417	2.38																																																																																																																																																																																																																																												
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	Dol	--	--	--	2,462	14.07																																																																																																																																																																																																																																												
Sold as yearlings	Head	--	--	--	--	--	Hired labor	Hrs	689.0	--	4.22	2,908	16.62																																																																																																																																																																																																																																												
Heifer calves weaned	Head	78	--	--	--	--	Fuel and lubricants	Dol	--	--	--	1,784	10.19																																																																																																																																																																																																																																												
Sold as weaners	Head	63	--	--	--	--	Repairs	Dol	--	--	--	4,892	27.95																																																																																																																																																																																																																																												
Lost after weaning	Head	--	--	--	--	--	Taxes 8/	Dol	--	--	--	719	4.11																																																																																																																																																																																																																																												
Sold as yearlings	Head	3	--	--	--	--	Insurance	Dol	--	--	--	900	5.14																																																																																																																																																																																																																																												
Kept for herd replacement 2/	Head	12	--	--	--	--	Interest on operating capital 9/	Dol	14,482.3	--	0.15	2,230	12.74																																																																																																																																																																																																																																												
Bulls	Head	6	--	--	--	--	Total cash costs	Dol	--	--	--	35,713	204.07																																																																																																																																																																																																																																												
Sales:							Other costs:																																																																																																																																																																																																																																																		
Steer calves	Head	78	410	68.01	21,750	--	Family labor 10/	Hrs	2,545.0	--	4.22	10,740	61.37																																																																																																																																																																																																																																												
Heifer calves	Head	63	375	61.71	14,579	--	Capital replacement 11/	Dol	--	--	--	14,109	80.62																																																																																																																																																																																																																																												
Yearling steers	Head	--	--	--	--	--	Interest on investment other than land 13/	Dol	--	--	--	17,170	98.11																																																																																																																																																																																																																																												
Yearling heifers	Head	3	610	58.42	1,069	--	Interest on land 13/	Dol	--	--	--	25,660	146.63																																																																																																																																																																																																																																												
Cull cows	Head	10	900	37.71	3,394	--	Total other costs	Dol	--	--	--	67,679	386.74																																																																																																																																																																																																																																												
Total sales	Head	--	--	--	40,792	233.10	Total all costs	Dol	--	--	--	103,392	590.81																																																																																																																																																																																																																																												
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																		
Federal grazing fees 3/	AM	700.0	--	1.86	1,302	7.44	Return above cash costs:	Dol	--	--	--	5,079	29.02																																																																																																																																																																																																																																												
Private pasture lease	AUM	193.0	--	9.04	1,745	9.97	Return above cash costs: and family labor	Dol	--	--	--	-5,661	-32.35																																																																																																																																																																																																																																												
Other pasture lease 4/	AUM	--	--	--	--	--	Return to total investment 14/	Dol	--	--	--	-19,770	-112.97																																																																																																																																																																																																																																												
State land lease	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-36,940	-211.09																																																																																																																																																																																																																																												
Irrigated pasture	AUM	157.0	--	4.48	703	4.02																																																																																																																																																																																																																																																			
Hay produced	Ton	314.0	--	42.80	13,439	76.79																																																																																																																																																																																																																																																			
Hay purchased	Ton	--	--	--	--	--																																																																																																																																																																																																																																																			
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	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																													
Feed source:																																																																																																																																																																																																																																																									
National Forest 16/	AM	--	--	--	--	44.0	84.0	84.0	90.0	90.0	--	--																																																																																																																																																																																																																																													
Bureau of Land Management 16/	AM	--	--	--	--	64.0	60.0	60.0	60.0	64.0	--	--																																																																																																																																																																																																																																													
Pasture rent/lease 17/	AUM	--	--	--	--	90.0	--	--	52.0	51.0	--	--																																																																																																																																																																																																																																													
State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Deeded rangeland 17/	AUM	--	--	--	--	82.0	55.0	--	--	--	--	--																																																																																																																																																																																																																																													
Irrigated pasture 17/	AUM	--	--	--	--	--	72.0	68.0	17.0	--	--	--																																																																																																																																																																																																																																													
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	134.0	138.0	--																																																																																																																																																																																																																																													
Hay	Ton	56.0	62.0	67.0	73.0	--	--	--	--	--	--	56.0																																																																																																																																																																																																																																													
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Marketing month:																																																																																																																																																																																																																																																									
Steer calves	Head	--	--	--	--	--	--	--	--	78.0	--	--																																																																																																																																																																																																																																													
Heifer calves	Head	--	--	--	--	--	--	--	--	63.0	--	--																																																																																																																																																																																																																																													
Yearling steers	Head	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Yearling heifers	Head	--	--	--	--	--	--	--	--	3.0	--	--																																																																																																																																																																																																																																													
Cull cows	Head	--	--	--	--	--	--	--	--	10.0	--	--																																																																																																																																																																																																																																													

Table 63--Beef cow enterprises with 300 or more cows, Rio Grande National Forest, South-Central Colorado, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																										
Production:							Cash costs--Continued																																																																																																																																																																																																																																																
Bred cows 1/	Head	585	--	--	--	--	Protein supplement 5/	Ton	15.0	--	193.00	2,895	4.95																																																																																																																																																																																																																																										
Annual cow loss	Head	12	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																										
Cows culled	Head	76	--	--	--	--	Other feed	Ton	--	--	--	--	--																																																																																																																																																																																																																																										
Calves born alive	Head	526	--	--	--	--	Salt and mineral	Cwt	204.8	--	4.57	936	1.60																																																																																																																																																																																																																																										
Calves lost birth to weaning	Head	21	--	--	--	--	Veterinary & medicine	Dol	--	--	--	3,516	6.01																																																																																																																																																																																																																																										
Steer calves weaned	Head	252	--	--	--	--	Hired trucking	Dol	--	--	--	1,948	3.33																																																																																																																																																																																																																																										
Sold as weaners	Head	80	--	--	--	--	Marketing 6/	Dol	--	--	--	1,708	2.92																																																																																																																																																																																																																																										
Lost after weaning	Head	2	--	--	--	--	General overhead 7/	Dol	--	--	--	4,493	7.68																																																																																																																																																																																																																																										
Sold as yearlings	Head	170	--	--	--	--	Hired labor	Hrs	3,990.5	--	4.22	16,840	28.79																																																																																																																																																																																																																																										
Heifer calves weaned	Head	253	--	--	--	--	Fuel and lubricants	Dol	--	--	--	3,476	5.94																																																																																																																																																																																																																																										
Sold as weaners	Head	80	--	--	--	--	Repairs	Dol	--	--	--	6,961	11.90																																																																																																																																																																																																																																										
Lost after weaning	Head	3	--	--	--	--	Taxes 8/	Dol	--	--	--	1,358	2.32																																																																																																																																																																																																																																										
Sold as yearlings	Head	82	--	--	--	--	Insurance	Dol	--	--	--	2,763	4.72																																																																																																																																																																																																																																										
Kept for herd replacement 2/	Head	88	--	--	--	--	Interest on operating capital 9/	Dol	69,893.8	--	0.15	10,764	18.40																																																																																																																																																																																																																																										
Bulls	Head	20	--	--	--	--	Total cash costs	Dol	--	--	--	142,251	243.16																																																																																																																																																																																																																																										
Sales:							Other costs:																																																																																																																																																																																																																																																
Steer calves	Head	80	410	68.01	22,307	--	Family labor 10/	Hrs	2,310.0	--	4.22	9,748	16.66																																																																																																																																																																																																																																										
Heifer calves	Head	80	375	61.71	18,513	--	Capital replacement 11/	Dol	--	--	--	21,465	36.69																																																																																																																																																																																																																																										
Yearling steers	Head	170	700	65.95	78,481	--	Interest on investment other than land 13/	Dol	--	--	--	52,776	90.22																																																																																																																																																																																																																																										
Yearling heifers	Head	82	610	60.85	30,437	--	Interest on land 13/	Dol	--	--	--	53,728	91.84																																																																																																																																																																																																																																										
Cull cows	Head	76	900	37.71	25,794	--	Total other costs	Dol	--	--	--	137,717	235.41																																																																																																																																																																																																																																										
Total sales	Head	--	--	--	175,532	300.05	Total all costs	Dol	--	--	--	279,968	478.58																																																																																																																																																																																																																																										
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																
Federal grazing fees 3/	AM	2,326.0	--	1.86	4,326	7.39	and family labor	Dol	--	--	--	33,281	56.89																																																																																																																																																																																																																																										
Private pasture lease	AUM	--	--	--	--	--	Return to total investment 14/	Dol	--	--	--	2,068	3.54																																																																																																																																																																																																																																										
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-50,708	-86.68																																																																																																																																																																																																																																										
State land lease	AUM	--	--	--	--	--																																																																																																																																																																																																																																																	
Irrigated pasture	AUM	993.0	--	4.48	4,449	7.61																																																																																																																																																																																																																																																	
Hay produced	Ton	288.0	--	42.80	12,326	21.07																																																																																																																																																																																																																																																	
Hay purchased	Ton	962.0	--	66.00	63,492	108.53																																																																																																																																																																																																																																																	
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td>Feed source:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>160.0</td> <td>292.0</td> <td>282.0</td> <td>313.0</td> <td>313.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>201.0</td> <td>188.0</td> <td>188.0</td> <td>188.0</td> <td>201.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>385.0</td> <td>312.0</td> <td>--</td> <td>234.0</td> <td>--</td> <td>236.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>302.0</td> <td>454.0</td> <td>237.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>207.0</td> <td>747.0</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>225.0</td> <td>247.0</td> <td>265.0</td> <td>288.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>225.0</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>3.0</td> <td>3.0</td> <td>3.0</td> <td>3.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>3.0</td> </tr> <tr> <td>Marketing month:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>80</td> <td>--</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>80</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>170</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>82</td> <td>--</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>76</td> <td>--</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:													National Forest 16/	AM	--	--	--	--	160.0	292.0	282.0	313.0	313.0	--	--	Bureau of Land Management 16/	AM	--	--	--	201.0	188.0	188.0	188.0	201.0	--	--	--	Pasture rent/lease 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--	Deeded rangeland 17/	AUM	--	--	--	385.0	312.0	--	234.0	--	236.0	--	--	Irrigated pasture 17/	AUM	--	--	--	--	302.0	454.0	237.0	--	--	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	207.0	747.0	--	Hay	Ton	225.0	247.0	265.0	288.0	--	--	--	--	--	--	225.0	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	3.0	3.0	3.0	3.0	--	--	--	--	--	--	3.0	Marketing month:													Steer calves	Head	--	--	--	--	--	--	--	--	80	--	--	Heifer calves	Head	--	--	--	--	--	--	--	--	80	--	--	Yearling steers	Head	--	--	--	--	--	--	--	--	170	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	--	82	--	--	Cull cows	Head	--	--	--	--	--	--	--	--	76	--	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																											
Feed source:																																																																																																																																																																																																																																																							
National Forest 16/	AM	--	--	--	--	160.0	292.0	282.0	313.0	313.0	--	--																																																																																																																																																																																																																																											
Bureau of Land Management 16/	AM	--	--	--	201.0	188.0	188.0	188.0	201.0	--	--	--																																																																																																																																																																																																																																											
Pasture rent/lease 17/	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Deeded rangeland 17/	AUM	--	--	--	385.0	312.0	--	234.0	--	236.0	--	--																																																																																																																																																																																																																																											
Irrigated pasture 17/	AUM	--	--	--	--	302.0	454.0	237.0	--	--	--	--																																																																																																																																																																																																																																											
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	207.0	747.0	--																																																																																																																																																																																																																																											
Hay	Ton	225.0	247.0	265.0	288.0	--	--	--	--	--	--	225.0																																																																																																																																																																																																																																											
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Protein supplement	Ton	3.0	3.0	3.0	3.0	--	--	--	--	--	--	3.0																																																																																																																																																																																																																																											
Marketing month:																																																																																																																																																																																																																																																							
Steer calves	Head	--	--	--	--	--	--	--	--	80	--	--																																																																																																																																																																																																																																											
Heifer calves	Head	--	--	--	--	--	--	--	--	80	--	--																																																																																																																																																																																																																																											
Yearling steers	Head	--	--	--	--	--	--	--	--	170	--	--																																																																																																																																																																																																																																											
Yearling heifers	Head	--	--	--	--	--	--	--	--	82	--	--																																																																																																																																																																																																																																											
Cull cows	Head	--	--	--	--	--	--	--	--	76	--	--																																																																																																																																																																																																																																											

Table 64--Beef cow enterprises with up to 99 cows, Roosevelt National Forest, North-Central Colorado, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																										
Production:							Cash costs--Continued																																																																																																																																																																																																																																																
Bred cows 1/	Head	42	--	--	--	--	Protein supplement 5/	Ton	--	--	--	--	--																																																																																																																																																																																																																																										
Annual cow loss	Head	1	--	--	--	--	Grain Corn	Bu	12.0	--	2.58	31	0.74																																																																																																																																																																																																																																										
Cows culled	Head	6	--	--	--	--	Other feed	Ton	--	--	--	--	--																																																																																																																																																																																																																																										
Calves born alive	Head	40	--	--	--	--	Salt and mineral	Cwt	14.7	--	4.57	67	1.60																																																																																																																																																																																																																																										
Calves lost birth to weaning	Head	3	--	--	--	--	Veterinary & medicine	Dol	--	--	--	380	9.05																																																																																																																																																																																																																																										
Steer calves weaned	Head	18	--	--	--	--	Hired trucking	Dol	--	--	--	76	1.81																																																																																																																																																																																																																																										
Sold as weaners	Head	16	--	--	--	--	Marketing 6/	Dol	--	--	--	236	5.62																																																																																																																																																																																																																																										
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	Dol	--	--	--	482	11.48																																																																																																																																																																																																																																										
Sold as yearlings	Head	2	--	--	--	--	Hired labor	Hrs	83.0	--	4.22	350	8.33																																																																																																																																																																																																																																										
Heifer calves weaned	Head	19	--	--	--	--	Fuel and lubricants	Dol	--	--	--	1,311	31.21																																																																																																																																																																																																																																										
Sold as weaners	Head	11	--	--	--	--	Repairs	Dol	--	--	--	1,038	24.71																																																																																																																																																																																																																																										
Lost after weaning	Head	--	--	--	--	--	Taxes 8/	Dol	--	--	--	376	8.95																																																																																																																																																																																																																																										
Sold as yearlings	Head	1	--	--	--	--	Insurance	Dol	--	--	--	237	5.64																																																																																																																																																																																																																																										
Kept for herd replacement 2/	Head	7	--	--	--	--	Interest on operating capital 9/	Dol	4,292.0	--	0.15	661	15.74																																																																																																																																																																																																																																										
Bulls	Head	2	--	--	--	--	Total cash costs	Dol	--	--	--	10,739	255.69																																																																																																																																																																																																																																										
Sales:							Other costs:																																																																																																																																																																																																																																																
Steer calves	Head	16	525	66.17	5,558	--	Family labor 10/	Hrs	840.0	--	4.22	3,545	84.40																																																																																																																																																																																																																																										
Heifer calves	Head	11	460	59.70	3,021	--	Capital replacement 11/	Dol	--	--	--	1,824	43.43																																																																																																																																																																																																																																										
Yearling steers	Head	2	680	64.43	876	--	Interest on investment other than land 13/	Dol	--	--	--	4,552	108.38																																																																																																																																																																																																																																										
Yearling heifers	Head	--	--	--	--	--	Interest on land 13/	Dol	--	--	--	18,331	436.45																																																																																																																																																																																																																																										
Cull cows	Head	6	900	37.71	2,036	--	Total other costs	Dol	--	--	--	28,252	672.67																																																																																																																																																																																																																																										
Total sales	Head	--	--	--	11,491	273.61	Total all costs	Dol	--	--	--	38,991	928.36																																																																																																																																																																																																																																										
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																
Federal grazing fees 3/	AM	84.0	--	1.86	156	3.71	Return above cash costs:	Dol	--	--	--	752	17.90																																																																																																																																																																																																																																										
Private pasture lease	AUM	123.9	--	9.04	1,120	26.67	Return above cash costs:	Dol	--	--	--	-2,793	-66.50																																																																																																																																																																																																																																										
Other pasture lease 4/	AUM	--	--	--	--	0.90	Return to total investment 14/	Dol	--	--	--	-4,617	-109.93																																																																																																																																																																																																																																										
State land lease	AUM	20.6	--	1.85	38	--	Return to land 15/	Dol	--	--	--	-9,169	-218.31																																																																																																																																																																																																																																										
Irrigated pasture	AUM	--	--	--	--	--																																																																																																																																																																																																																																																	
Hay produced	Ton	58.8	--	42.80	2,517	59.93																																																																																																																																																																																																																																																	
Hay purchased	Ton	25.2	--	66.00	1,663	39.60																																																																																																																																																																																																																																																	
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td>Feed source:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>11.0</td> <td>24.0</td> <td>24.0</td> <td>21.0</td> <td>4.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>20.1</td> <td>21.3</td> <td>21.6</td> <td>21.6</td> <td>20.7</td> <td>18.6</td> <td>--</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>3.3</td> <td>3.6</td> <td>3.6</td> <td>3.6</td> <td>3.4</td> <td>3.1</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>2.9</td> <td>7.7</td> <td>30.2</td> <td>12.1</td> <td>16.3</td> <td>22.5</td> <td>2.6</td> <td>--</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>12.4</td> <td>9.6</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>7.0</td> <td>14.0</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>14.0</td> <td>14.0</td> <td>14.0</td> <td>14.0</td> <td>7.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>2.5</td> <td>0.5</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>0.5</td> <td>1.3</td> <td>2.2</td> <td>2.5</td> <td>2.5</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Marketing month:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>16.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>11.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>2.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>6.0</td> <td>--</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:													National Forest 16/	AM	--	--	--	--	11.0	24.0	24.0	21.0	4.0	--	--	Bureau of Land Management 16/	AM	--	--	--	--	--	--	--	--	--	--	--	Pasture rent/lease 17/	AUM	--	--	--	20.1	21.3	21.6	21.6	20.7	18.6	--	--	State land lease	AUM	--	--	--	3.3	3.6	3.6	3.6	3.4	3.1	--	--	Deeded rangeland 17/	AUM	--	--	--	2.9	7.7	30.2	12.1	16.3	22.5	2.6	--	Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	12.4	9.6	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	7.0	14.0	Hay	Ton	14.0	14.0	14.0	14.0	7.0	--	--	--	--	2.5	0.5	Grain	Bu	0.5	1.3	2.2	2.5	2.5	--	--	--	--	--	--	Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--	Marketing month:													Steer calves	Head	--	--	--	--	--	--	--	--	16.0	--	--	Heifer calves	Head	--	--	--	--	--	--	--	--	11.0	--	--	Yearling steers	Head	--	--	--	--	--	--	--	--	2.0	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	--	--	--	--	Cull cows	Head	--	--	--	--	--	--	--	--	6.0	--	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																											
Feed source:																																																																																																																																																																																																																																																							
National Forest 16/	AM	--	--	--	--	11.0	24.0	24.0	21.0	4.0	--	--																																																																																																																																																																																																																																											
Bureau of Land Management 16/	AM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Pasture rent/lease 17/	AUM	--	--	--	20.1	21.3	21.6	21.6	20.7	18.6	--	--																																																																																																																																																																																																																																											
State land lease	AUM	--	--	--	3.3	3.6	3.6	3.6	3.4	3.1	--	--																																																																																																																																																																																																																																											
Deeded rangeland 17/	AUM	--	--	--	2.9	7.7	30.2	12.1	16.3	22.5	2.6	--																																																																																																																																																																																																																																											
Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	12.4	9.6	--																																																																																																																																																																																																																																											
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	7.0	14.0																																																																																																																																																																																																																																											
Hay	Ton	14.0	14.0	14.0	14.0	7.0	--	--	--	--	2.5	0.5																																																																																																																																																																																																																																											
Grain	Bu	0.5	1.3	2.2	2.5	2.5	--	--	--	--	--	--																																																																																																																																																																																																																																											
Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Marketing month:																																																																																																																																																																																																																																																							
Steer calves	Head	--	--	--	--	--	--	--	--	16.0	--	--																																																																																																																																																																																																																																											
Heifer calves	Head	--	--	--	--	--	--	--	--	11.0	--	--																																																																																																																																																																																																																																											
Yearling steers	Head	--	--	--	--	--	--	--	--	2.0	--	--																																																																																																																																																																																																																																											
Yearling heifers	Head	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Cull cows	Head	--	--	--	--	--	--	--	--	6.0	--	--																																																																																																																																																																																																																																											

Table 65--Beef cow enterprises with 100-299 cows, Roosevelt National Forest, North-Central Colorado, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																												
Production:							Cash costs--Continued																																																																																																																																																																																																																																																		
Bred cows ^{1/}	Head	173	--	--	--	--	Protein supplement ^{5/}	Ton	--	--	--	--	--																																																																																																																																																																																																																																												
Annual cow loss	Head	7	--	--	--	--	Grain Corn	Bu	38.7	--	2.58	100	0.58																																																																																																																																																																																																																																												
Cows culled	Head	24	--	--	--	--	Other feed	Ton	--	--	--	--	--																																																																																																																																																																																																																																												
Calves born alive	Head	164	--	--	--	--	Salt and mineral	Cwt	60.6	--	4.57	277	1.60																																																																																																																																																																																																																																												
Calves lost birth to weaning	Head	11	--	--	--	--	Veterinary & medicine	Dol	--	--	--	1,883	10.88																																																																																																																																																																																																																																												
Steer calves weaned	Head	76	--	--	--	--	Hired trucking	Dol	--	--	--	296	1.71																																																																																																																																																																																																																																												
Sold as weaners	Head	69	--	--	--	--	Marketing ^{6/}	Dol	--	--	--	915	5.29																																																																																																																																																																																																																																												
Lost after weaning	Head	--	--	--	--	--	General overhead ^{7/}	Dol	--	--	--	1,600	9.25																																																																																																																																																																																																																																												
Sold as yearlings	Head	7	--	--	--	--	Hired labor	Hrs	548.0	--	4.22	2,313	13.37																																																																																																																																																																																																																																												
Heifer calves weaned	Head	77	--	--	--	--	Fuel and lubricants	Dol	--	--	--	3,841	22.20																																																																																																																																																																																																																																												
Sold as weaners	Head	32	--	--	--	--	Repairs	Dol	--	--	--	3,240	18.73																																																																																																																																																																																																																																												
Lost after weaning	Head	6	--	--	--	--	Taxes ^{8/}	Dol	--	--	--	1,404	8.12																																																																																																																																																																																																																																												
Sold as yearlings	Head	8	--	--	--	--	Insurance	Dol	--	--	--	932	5.39																																																																																																																																																																																																																																												
Kept for herd replacement ^{2/}	Head	31	--	--	--	--	Interest on operating capital ^{9/}	Dol	17,351.9	--	0.15	2,672	15.45																																																																																																																																																																																																																																												
Bulls	Head	9	--	--	--	--	Total cash costs	Dol	--	--	--	42,078	243.23																																																																																																																																																																																																																																												
Sales:							Other costs:																																																																																																																																																																																																																																																		
Steer calves	Head	69	525	66.17	23,970	--	Family labor ^{10/}	Hrs	2,929.0	--	4.22	12,360	71.45																																																																																																																																																																																																																																												
Heifer calves	Head	32	460	59.70	8,788	--	Capital replacement ^{11/}	Dol	--	--	--	7,563	43.72																																																																																																																																																																																																																																												
Yearling steers	Head	7	680	64.43	3,067	--	Interest on investment other than land ^{13/}	Dol	--	--	--	18,286	105.70																																																																																																																																																																																																																																												
Yearling heifers	Head	8	610	58.42	2,851	--	Interest on land ^{13/}	Dol	--	--	--	69,526	401.88																																																																																																																																																																																																																																												
Cull cows	Head	24	900	37.71	8,145	--	Total other costs	Dol	--	--	--	107,735	622.75																																																																																																																																																																																																																																												
Total sales	Head	--	--	--	46,821	270.64	Total all costs	Dol	--	--	--	149,813	865.97																																																																																																																																																																																																																																												
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																		
Federal grazing fees ^{3/}	AM	270.0	--	1.86	502	2.90	Return above cash costs: and family labor	Dol	--	--	--	4,743	27.42																																																																																																																																																																																																																																												
Private pasture lease	AUM	512.1	--	9.04	4,629	26.76	Return above cash costs: investment ^{14/}	Dol	--	--	--	-15,180	-87.75																																																																																																																																																																																																																																												
Other pasture lease ^{4/}	AUM	--	--	--	--	--	Return to land ^{15/}	Dol	--	--	--	-33,466	-193.45																																																																																																																																																																																																																																												
State land lease	AUM	85.3	--	1.85	158	0.91																																																																																																																																																																																																																																																			
Irrigated pasture	AUM	--	--	--	--	--																																																																																																																																																																																																																																																			
Hay produced	Ton	243.6	--	42.80	10,426	60.27																																																																																																																																																																																																																																																			
Hay purchased	Ton	104.4	--	66.00	6,890	39.83																																																																																																																																																																																																																																																			
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td colspan="14">Feed source:</td> </tr> <tr> <td>National Forest ^{16/}</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>35.0</td> <td>71.0</td> <td>62.0</td> <td>32.0</td> <td>6.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management ^{16/}</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>16.0</td> <td>16.0</td> <td>16.0</td> <td>16.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Pasture rent/lease ^{17/}</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>82.5</td> <td>88.5</td> <td>89.7</td> <td>90.3</td> <td>85.2</td> <td>75.9</td> <td>--</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>13.8</td> <td>14.8</td> <td>15.0</td> <td>15.0</td> <td>14.1</td> <td>12.6</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland ^{17/}</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>12.1</td> <td>56.8</td> <td>118.0</td> <td>68.5</td> <td>82.8</td> <td>119.4</td> <td>105.7</td> <td>37.3</td> </tr> <tr> <td>Irrigated pasture ^{17/}</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue ^{17/}</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>50.6</td> <td>--</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>58.0</td> <td>58.0</td> <td>58.0</td> <td>58.0</td> <td>29.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>29.0</td> <td>58.0</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>1.6</td> <td>5.5</td> <td>9.2</td> <td>10.4</td> <td>5.2</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>5.2</td> <td>1.6</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td colspan="14">Marketing month:</td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>69.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>32.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>7.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>8.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>24.0</td> <td>--</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:														National Forest ^{16/}	AM	--	--	--	--	35.0	71.0	62.0	32.0	6.0	--	--	Bureau of Land Management ^{16/}	AM	--	--	--	--	16.0	16.0	16.0	16.0	--	--	--	Pasture rent/lease ^{17/}	AUM	--	--	--	82.5	88.5	89.7	90.3	85.2	75.9	--	--	State land lease	AUM	--	--	--	13.8	14.8	15.0	15.0	14.1	12.6	--	--	Deeded rangeland ^{17/}	AUM	--	--	--	12.1	56.8	118.0	68.5	82.8	119.4	105.7	37.3	Irrigated pasture ^{17/}	AUM	--	--	--	--	--	--	--	--	--	--	--	Crop residue ^{17/}	AUM	--	--	--	--	--	--	--	--	50.6	--	--	Hay	Ton	58.0	58.0	58.0	58.0	29.0	--	--	--	--	29.0	58.0	Grain	Bu	1.6	5.5	9.2	10.4	5.2	--	--	--	--	5.2	1.6	Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--	Marketing month:														Steer calves	Head	--	--	--	--	--	--	--	--	69.0	--	--	Heifer calves	Head	--	--	--	--	--	--	--	--	32.0	--	--	Yearling steers	Head	--	--	--	--	--	--	--	--	7.0	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	--	8.0	--	--	Cull cows	Head	--	--	--	--	--	--	--	--	24.0	--	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																													
Feed source:																																																																																																																																																																																																																																																									
National Forest ^{16/}	AM	--	--	--	--	35.0	71.0	62.0	32.0	6.0	--	--																																																																																																																																																																																																																																													
Bureau of Land Management ^{16/}	AM	--	--	--	--	16.0	16.0	16.0	16.0	--	--	--																																																																																																																																																																																																																																													
Pasture rent/lease ^{17/}	AUM	--	--	--	82.5	88.5	89.7	90.3	85.2	75.9	--	--																																																																																																																																																																																																																																													
State land lease	AUM	--	--	--	13.8	14.8	15.0	15.0	14.1	12.6	--	--																																																																																																																																																																																																																																													
Deeded rangeland ^{17/}	AUM	--	--	--	12.1	56.8	118.0	68.5	82.8	119.4	105.7	37.3																																																																																																																																																																																																																																													
Irrigated pasture ^{17/}	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Crop residue ^{17/}	AUM	--	--	--	--	--	--	--	--	50.6	--	--																																																																																																																																																																																																																																													
Hay	Ton	58.0	58.0	58.0	58.0	29.0	--	--	--	--	29.0	58.0																																																																																																																																																																																																																																													
Grain	Bu	1.6	5.5	9.2	10.4	5.2	--	--	--	--	5.2	1.6																																																																																																																																																																																																																																													
Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Marketing month:																																																																																																																																																																																																																																																									
Steer calves	Head	--	--	--	--	--	--	--	--	69.0	--	--																																																																																																																																																																																																																																													
Heifer calves	Head	--	--	--	--	--	--	--	--	32.0	--	--																																																																																																																																																																																																																																													
Yearling steers	Head	--	--	--	--	--	--	--	--	7.0	--	--																																																																																																																																																																																																																																													
Yearling heifers	Head	--	--	--	--	--	--	--	--	8.0	--	--																																																																																																																																																																																																																																													
Cull cows	Head	--	--	--	--	--	--	--	--	24.0	--	--																																																																																																																																																																																																																																													

Table 66--Beef cow enterprises with 300 or more cows, Roosevelt National Forest, North-Central Colorado, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																										
Production:							Cash costs--Continued																																																																																																																																																																																																																																																
Bred cows 1/	Head	448	--	--	--	--	Protein supplement 5/	Ton	--	--	--	--	--																																																																																																																																																																																																																																										
Annual cow loss	Head	5	--	--	--	--	Grain Corn	Bu	101.6	--	2.58	262	0.58																																																																																																																																																																																																																																										
Cows culled	Head	63	--	--	--	--	Other feed	Ton	--	--	--	--	--																																																																																																																																																																																																																																										
Calves born alive	Head	426	--	--	--	--	Salt and mineral	Cwt	156.8	--	4.57	717	1.60																																																																																																																																																																																																																																										
Calves lost birth to weaning	Head	30	--	--	--	--	Veterinary & medicine	Dol	--	--	--	4,877	10.89																																																																																																																																																																																																																																										
Steer calves weaned	Head	198	--	--	--	--	Hired trucking	Dol	--	--	--	766	1.71																																																																																																																																																																																																																																										
Sold as weaners	Head	178	--	--	--	--	Marketing 6/	Dol	--	--	--	2,370	5.29																																																																																																																																																																																																																																										
Lost after weaning	Head	5	--	--	--	--	General overhead 7/	Dol	--	--	--	3,773	8.42																																																																																																																																																																																																																																										
Sold as yearlings	Head	15	--	--	--	--	Hired labor	Hrs	1,953.0	--	4.22	8,242	18.40																																																																																																																																																																																																																																										
Heifer calves weaned	Head	198	--	--	--	--	Fuel and lubricants	Dol	--	--	--	4,056	9.05																																																																																																																																																																																																																																										
Sold as weaners	Head	114	--	--	--	--	Repairs	Dol	--	--	--	4,434	9.90																																																																																																																																																																																																																																										
Lost after weaning	Head	2	--	--	--	--	Taxes 8/	Dol	--	--	--	2,776	6.20																																																																																																																																																																																																																																										
Sold as yearlings	Head	14	--	--	--	--	Insurance	Dol	--	--	--	2,164	4.83																																																																																																																																																																																																																																										
Kept for herd replacement 2/	Head	68	--	--	--	--	Interest on operating capital 9/	Dol	42,196.1	--	0.15	6,498	14.50																																																																																																																																																																																																																																										
Bulls	Head	22	--	--	--	--	Total cash costs	Dol	--	--	--	98,682	220.27																																																																																																																																																																																																																																										
Sales:							Other costs:																																																																																																																																																																																																																																																
Steer calves	Head	178	525	66.17	61,836	--	Family labor 10/	Hrs	6,209.0	--	4.22	26,202	58.49																																																																																																																																																																																																																																										
Heifer calves	Head	114	460	59.70	31,307	--	Capital replacement 11/	Dol	--	--	--	13,549	30.24																																																																																																																																																																																																																																										
Yearling steers	Head	15	680	64.43	6,572	--	Interest on investment other than land 13/	Dol	--	--	--	42,531	94.94																																																																																																																																																																																																																																										
Yearling heifers	Head	14	610	58.42	4,989	--	Interest on land 13/	Dol	--	--	--	150,659	336.29																																																																																																																																																																																																																																										
Cull cows	Head	63	900	37.71	21,382	--	Total other costs	Dol	--	--	--	232,941	519.96																																																																																																																																																																																																																																										
Total sales	Head	--	--	--	126,086	281.44	Total all costs	Dol	--	--	--	331,623	740.23																																																																																																																																																																																																																																										
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																
Federal grazing fees 3/	AM	484.0	--	1.86	900	2.01	Return above cash costs and family labor	Dol	--	--	--	27,404	61.17																																																																																																																																																																																																																																										
Private pasture lease	AUM	1,322.4	--	9.04	11,954	26.68	Return to total investment 14/	Dol	--	--	--	1,202	2.68																																																																																																																																																																																																																																										
Other pasture lease 4/	AUM	--	--	--	--	0.91	Return to land 15/	Dol	--	--	--	-12,347	-27.56																																																																																																																																																																																																																																										
State land lease	AUM	220.4	--	1.85	408	--		Dol	--	--	--	-54,878	-122.50																																																																																																																																																																																																																																										
Irrigated pasture	AUM	--	--	--	--	--																																																																																																																																																																																																																																																	
Hay produced	Ton	625.8	--	42.80	26,784	59.79																																																																																																																																																																																																																																																	
Hay purchased	Ton	268.2	--	66.00	17,701	39.51																																																																																																																																																																																																																																																	
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td>Feed source:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>50.0</td> <td>144.0</td> <td>172.0</td> <td>118.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>213.3</td> <td>228.3</td> <td>231.3</td> <td>232.5</td> <td>220.5</td> <td>196.5</td> <td>--</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>35.6</td> <td>38.1</td> <td>38.6</td> <td>38.5</td> <td>36.8</td> <td>32.8</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>34.1</td> <td>148.2</td> <td>422.3</td> <td>292.9</td> <td>317.5</td> <td>294.8</td> <td>97.2</td> <td>--</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>131.0</td> <td>102.8</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>149.0</td> <td>149.0</td> <td>149.0</td> <td>149.0</td> <td>74.5</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>74.5</td> <td>149.0</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>4.5</td> <td>14.7</td> <td>23.9</td> <td>27.0</td> <td>13.5</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>13.5</td> <td>4.5</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Marketing month:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>178.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>114.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>15.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>14.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>63.0</td> <td>--</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:													National Forest 16/	AM	--	--	--	--	50.0	144.0	172.0	118.0	--	--	--	Bureau of Land Management 16/	AM	--	--	--	--	--	--	--	--	--	--	--	Pasture rent/lease 17/	AUM	--	--	--	213.3	228.3	231.3	232.5	220.5	196.5	--	--	State land lease	AUM	--	--	--	35.6	38.1	38.6	38.5	36.8	32.8	--	--	Deeded rangeland 17/	AUM	--	--	--	34.1	148.2	422.3	292.9	317.5	294.8	97.2	--	Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	131.0	102.8	--	Hay	Ton	149.0	149.0	149.0	149.0	74.5	--	--	--	--	74.5	149.0	Grain	Bu	4.5	14.7	23.9	27.0	13.5	--	--	--	--	13.5	4.5	Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--	Marketing month:													Steer calves	Head	--	--	--	--	--	--	--	--	178.0	--	--	Heifer calves	Head	--	--	--	--	--	--	--	--	114.0	--	--	Yearling steers	Head	--	--	--	--	--	--	--	--	15.0	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	--	14.0	--	--	Cull cows	Head	--	--	--	--	--	--	--	--	63.0	--	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																											
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Bureau of Land Management 16/	AM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Pasture rent/lease 17/	AUM	--	--	--	213.3	228.3	231.3	232.5	220.5	196.5	--	--																																																																																																																																																																																																																																											
State land lease	AUM	--	--	--	35.6	38.1	38.6	38.5	36.8	32.8	--	--																																																																																																																																																																																																																																											
Deeded rangeland 17/	AUM	--	--	--	34.1	148.2	422.3	292.9	317.5	294.8	97.2	--																																																																																																																																																																																																																																											
Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	131.0	102.8	--																																																																																																																																																																																																																																											
Hay	Ton	149.0	149.0	149.0	149.0	74.5	--	--	--	--	74.5	149.0																																																																																																																																																																																																																																											
Grain	Bu	4.5	14.7	23.9	27.0	13.5	--	--	--	--	13.5	4.5																																																																																																																																																																																																																																											
Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Marketing month:																																																																																																																																																																																																																																																							
Steer calves	Head	--	--	--	--	--	--	--	--	178.0	--	--																																																																																																																																																																																																																																											
Heifer calves	Head	--	--	--	--	--	--	--	--	114.0	--	--																																																																																																																																																																																																																																											
Yearling steers	Head	--	--	--	--	--	--	--	--	15.0	--	--																																																																																																																																																																																																																																											
Yearling heifers	Head	--	--	--	--	--	--	--	--	14.0	--	--																																																																																																																																																																																																																																											
Cull cows	Head	--	--	--	--	--	--	--	--	63.0	--	--																																																																																																																																																																																																																																											

Table 67--Beef cow enterprises with up to 199 cows, Routt National Forest, North-Central Colorado, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																												
Production:							Cash costs--Continued																																																																																																																																																																																																																																																		
Bred cows 1/	Head	121	--	--	--	--	Protein supplement 5/	Ton	6.9	--	193.00	1,332	11.01																																																																																																																																																																																																																																												
Annual cow loss	Head	2	--	--	--	--	Grain	Bu	20.8	--	2.58	54	0.45																																																																																																																																																																																																																																												
Cows culled	Head	13	--	--	--	--	Other feed	Ton	--	--	--	--	--																																																																																																																																																																																																																																												
Calves born alive	Head	110	--	--	--	--	Salt and mineral	Cwt	42.4	--	4.57	194	1.60																																																																																																																																																																																																																																												
Calves lost birth to weaning	Head	3	--	--	--	--	Veterinary & medicine	Dol	--	--	--	743	6.14																																																																																																																																																																																																																																												
Steer calves weaned	Head	53	--	--	--	--	Hired trucking	Dol	--	--	--	216	1.79																																																																																																																																																																																																																																												
Sold as weaners	Head	2	--	--	--	--	Marketing 6/	Dol	--	--	--	354	2.93																																																																																																																																																																																																																																												
Lost after weaning	Head	1	--	--	--	--	General overhead 7/	Dol	--	--	--	1,035	8.55																																																																																																																																																																																																																																												
Sold as yearlings	Head	50	--	--	--	--	Hired labor	Hrs	489.0	--	4.22	2,064	17.06																																																																																																																																																																																																																																												
Heifer calves weaned	Head	54	--	--	--	--	Fuel and lubricants	Dol	--	--	--	2,939	24.29																																																																																																																																																																																																																																												
Sold as weaners	Head	2	--	--	--	--	Repairs	Dol	--	--	--	2,908	24.03																																																																																																																																																																																																																																												
Lost after weaning	Head	1	--	--	--	--	Taxes 8/	Dol	--	--	--	1,607	13.28																																																																																																																																																																																																																																												
Sold as yearlings	Head	36	--	--	--	--	Insurance	Dol	--	--	--	641	5.30																																																																																																																																																																																																																																												
Kept for herd replacement 2/	Head	15	--	--	--	--	Interest on operating capital 9/	Dol	15,598.6	--	0.15	2,402	19.85																																																																																																																																																																																																																																												
Bulls	Head	5	--	--	--	--	Total cash costs	Dol	--	--	--	32,467	268.32																																																																																																																																																																																																																																												
Sales:							Other costs:																																																																																																																																																																																																																																																		
Steer calves	Head	2	375	69.14	519	--	Family labor 10/	Hrs	2,047.0	--	4.22	8,638	71.39																																																																																																																																																																																																																																												
Heifer calves	Head	2	350	59.42	416	--	Capital replacement 11/	Dol	--	--	--	5,746	47.49																																																																																																																																																																																																																																												
Yearling steers	Head	50	788	63.39	24,976	--	Interest on investment other than land 13/	Dol	--	--	--	13,182	108.94																																																																																																																																																																																																																																												
Yearling heifers	Head	36	700	58.42	14,722	--	Interest on land 13/	Dol	--	--	--	87,877	726.26																																																																																																																																																																																																																																												
Cull cows	Head	13	1,000	35.05	4,557	--	Total other costs	Dol	--	--	--	115,443	954.07																																																																																																																																																																																																																																												
Total sales	Head	--	--	--	45,190	373.47	Total all costs	Dol	--	--	--	147,910	1222.40																																																																																																																																																																																																																																												
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																		
Federal grazing fees 3/	AM	307.0	--	1.86	571	4.72	Return above cash costs:	Dol	--	--	--	12,723	105.15																																																																																																																																																																																																																																												
Private pasture lease	AUM	140.7	--	9.04	1,272	10.51	Return above cash costs: and family labor	Dol	--	--	--	4,085	33.76																																																																																																																																																																																																																																												
Other pasture lease 4/	AUM	--	--	--	--	--	Return to total investment 14/	Dol	--	--	--	-1,661	-13.73																																																																																																																																																																																																																																												
State land lease	AUM	49.7	--	1.85	92	0.76	Return to land 15/	Dol	--	--	--	-14,843	-122.67																																																																																																																																																																																																																																												
Irrigated pasture	AUM	262.4	--	4.48	1,176	9.72																																																																																																																																																																																																																																																			
Hay produced	Ton	278.1	--	42.80	11,903	98.37																																																																																																																																																																																																																																																			
Hay purchased	Ton	14.6	--	66.00	964	7.97																																																																																																																																																																																																																																																			
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td colspan="14">Feed source:</td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>1.0</td> <td>58.0</td> <td>81.0</td> <td>78.0</td> <td>5.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>9.0</td> <td>17.0</td> <td>16.0</td> <td>17.0</td> <td>15.0</td> <td>9.0</td> <td>1.0</td> <td>--</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>7.6</td> <td>32.0</td> <td>17.3</td> <td>11.0</td> <td>13.2</td> <td>26.6</td> <td>33.0</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>7.2</td> <td>7.8</td> <td>8.1</td> <td>8.3</td> <td>8.0</td> <td>5.2</td> <td>5.1</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>30.6</td> <td>128.1</td> <td>69.0</td> <td>43.9</td> <td>39.3</td> <td>106.5</td> <td>119.2</td> <td>--</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>48.0</td> <td>51.8</td> <td>54.0</td> <td>55.0</td> <td>53.6</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>13.4</td> <td>8.8</td> <td>--</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>46.1</td> <td>51.5</td> <td>55.2</td> <td>60.2</td> <td>33.6</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>46.1</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>3.2</td> <td>3.2</td> <td>3.2</td> <td>3.2</td> <td>3.2</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>1.6</td> <td>3.2</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>1.0</td> <td>1.0</td> <td>1.0</td> <td>1.0</td> <td>1.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>0.9</td> <td>1.0</td> </tr> <tr> <td colspan="14">Marketing month:</td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>2.0</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>2.0</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>50.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>36.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>13.0</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:														National Forest 16/	AM	--	--	--	--	1.0	58.0	81.0	78.0	5.0	--	--	Bureau of Land Management 16/	AM	--	--	--	9.0	17.0	16.0	17.0	15.0	9.0	1.0	--	Pasture rent/lease 17/	AUM	--	--	--	7.6	32.0	17.3	11.0	13.2	26.6	33.0	--	State land lease	AUM	--	--	--	7.2	7.8	8.1	8.3	8.0	5.2	5.1	--	Deeded rangeland 17/	AUM	--	--	--	30.6	128.1	69.0	43.9	39.3	106.5	119.2	--	Irrigated pasture 17/	AUM	--	--	--	48.0	51.8	54.0	55.0	53.6	--	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	13.4	8.8	--	--	Hay	Ton	46.1	51.5	55.2	60.2	33.6	--	--	--	--	--	46.1	Grain	Bu	3.2	3.2	3.2	3.2	3.2	--	--	--	--	1.6	3.2	Protein supplement	Ton	1.0	1.0	1.0	1.0	1.0	--	--	--	--	0.9	1.0	Marketing month:														Steer calves	Head	--	--	--	--	--	--	--	--	--	2.0	--	Heifer calves	Head	--	--	--	--	--	--	--	--	--	2.0	--	Yearling steers	Head	--	--	--	--	--	--	--	--	50.0	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	--	36.0	--	--	Cull cows	Head	--	--	--	--	--	--	--	--	--	13.0	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																													
Feed source:																																																																																																																																																																																																																																																									
National Forest 16/	AM	--	--	--	--	1.0	58.0	81.0	78.0	5.0	--	--																																																																																																																																																																																																																																													
Bureau of Land Management 16/	AM	--	--	--	9.0	17.0	16.0	17.0	15.0	9.0	1.0	--																																																																																																																																																																																																																																													
Pasture rent/lease 17/	AUM	--	--	--	7.6	32.0	17.3	11.0	13.2	26.6	33.0	--																																																																																																																																																																																																																																													
State land lease	AUM	--	--	--	7.2	7.8	8.1	8.3	8.0	5.2	5.1	--																																																																																																																																																																																																																																													
Deeded rangeland 17/	AUM	--	--	--	30.6	128.1	69.0	43.9	39.3	106.5	119.2	--																																																																																																																																																																																																																																													
Irrigated pasture 17/	AUM	--	--	--	48.0	51.8	54.0	55.0	53.6	--	--	--																																																																																																																																																																																																																																													
Crop residue 17/	AUM	--	--	--	--	--	--	--	13.4	8.8	--	--																																																																																																																																																																																																																																													
Hay	Ton	46.1	51.5	55.2	60.2	33.6	--	--	--	--	--	46.1																																																																																																																																																																																																																																													
Grain	Bu	3.2	3.2	3.2	3.2	3.2	--	--	--	--	1.6	3.2																																																																																																																																																																																																																																													
Protein supplement	Ton	1.0	1.0	1.0	1.0	1.0	--	--	--	--	0.9	1.0																																																																																																																																																																																																																																													
Marketing month:																																																																																																																																																																																																																																																									
Steer calves	Head	--	--	--	--	--	--	--	--	--	2.0	--																																																																																																																																																																																																																																													
Heifer calves	Head	--	--	--	--	--	--	--	--	--	2.0	--																																																																																																																																																																																																																																													
Yearling steers	Head	--	--	--	--	--	--	--	--	50.0	--	--																																																																																																																																																																																																																																													
Yearling heifers	Head	--	--	--	--	--	--	--	--	36.0	--	--																																																																																																																																																																																																																																													
Cull cows	Head	--	--	--	--	--	--	--	--	--	13.0	--																																																																																																																																																																																																																																													

Table 68--Beef cow enterprises with 200-499 cows, Routt National Forest, North-Central Colorado, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																											
Production:							Cash costs--Continued																																																																																																																																																																																																																																																	
Bred cows 1/	Head	287	--	--	--	--	Protein supplement 5/	Ton	24.0	--	193.00	4,632	16.14																																																																																																																																																																																																																																											
Annual cow loss	Head	4	--	--	--	--	Grain	Bu	48.0	--	2.58	124	0.43																																																																																																																																																																																																																																											
Cows culled	Head	31	--	--	--	--	Other feed	Ton	--	--	--	--	--																																																																																																																																																																																																																																											
Calves born alive	Head	261	--	--	--	--	Salt and mineral	Cwt	100.5	--	4.57	459	1.60																																																																																																																																																																																																																																											
Calves lost birth to weaning	Head	7	--	--	--	--	Veterinary & medicine	Dol	--	--	--	1,763	6.14																																																																																																																																																																																																																																											
Steer calves weaned	Head	127	--	--	--	--	Hired trucking	Dol	--	--	--	514	1.79																																																																																																																																																																																																																																											
Sold as weaners	Head	4	--	--	--	--	Marketing 6/	Dol	--	--	--	878	3.06																																																																																																																																																																																																																																											
Lost after weaning	Head	2	--	--	--	--	General overhead 7/	Dol	--	--	--	2,456	8.56																																																																																																																																																																																																																																											
Sold as yearlings	Head	121	--	--	--	--	Hired labor	Hrs	1,160.0	--	4.22	4,895	17.06																																																																																																																																																																																																																																											
Heifer calves weaned	Head	127	--	--	--	--	Fuel and lubricants	Dol	--	--	--	6,987	24.34																																																																																																																																																																																																																																											
Sold as weaners	Head	4	--	--	--	--	Repairs	Dol	--	--	--	6,888	24.00																																																																																																																																																																																																																																											
Lost after weaning	Head	3	--	--	--	--	Taxes 8/	Dol	--	--	--	3,564	12.42																																																																																																																																																																																																																																											
Sold as yearlings	Head	85	--	--	--	--	Insurance	Dol	--	--	--	1,503	5.24																																																																																																																																																																																																																																											
Kept for herd replacement 2/	Head	35	--	--	--	--	Interest on operating capital 9/	Dol	37,648.5	--	0.15	5,798	20.20																																																																																																																																																																																																																																											
Bulls	Head	12	--	--	--	--	Total cash costs	Dol	--	--	--	79,341	276.45																																																																																																																																																																																																																																											
Sales:							Other costs:																																																																																																																																																																																																																																																	
Steer calves	Head	4	375	69.14	1,037	--	Family labor 10/	Hrs	4,855.0	--	4.22	20,488	71.39																																																																																																																																																																																																																																											
Heifer calves	Head	4	350	59.42	832	--	Capital replacement 11/	Dol	--	--	--	13,171	45.89																																																																																																																																																																																																																																											
Yearling steers	Head	121	788	63.39	60,441	--	Interest on investment other than land 13/	Dol	--	--	--	31,105	108.38																																																																																																																																																																																																																																											
Yearling heifers	Head	85	700	58.42	34,760	--	Interest on land 13/	Dol	--	--	--	192,116	669.39																																																																																																																																																																																																																																											
Cull cows	Head	31	1,000	35.05	10,866	--	Total other costs	Dol	--	--	--	256,880	895.05																																																																																																																																																																																																																																											
Total sales	Head	--	--	--	107,936	376.08	Total all costs	Dol	--	--	--	336,221	1171.50																																																																																																																																																																																																																																											
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																	
Federal grazing fees 3/	AM	701.0	--	1.86	1,304	4.54	Return above cash costs and family labor	Dol	--	--	--	8,107	28.25																																																																																																																																																																																																																																											
Private pasture lease	AUM	779.0	--	9.04	7,042	24.54	Return to total investment 14/	Dol	--	--	--	-5,064	-17.64																																																																																																																																																																																																																																											
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-36,169	-126.02																																																																																																																																																																																																																																											
State land lease	AUM	116.8	--	1.85	216	0.75																																																																																																																																																																																																																																																		
Irrigated pasture	AUM	575.9	--	4.48	2,580	8.99																																																																																																																																																																																																																																																		
Hay produced	Ton	599.5	--	42.80	25,659	89.40																																																																																																																																																																																																																																																		
Hay purchased	Ton	31.5	--	66.00	2,079	7.24																																																																																																																																																																																																																																																		
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td>Feed source:</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>3.0</td> <td>104.0</td> <td>148.0</td> <td>129.0</td> <td>19.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>5.0</td> <td>--</td> <td>--</td> <td>21.0</td> <td>55.0</td> <td>39.0</td> <td>37.0</td> <td>35.0</td> <td>22.0</td> <td>15.0</td> <td>11.0</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>113.2</td> <td>121.4</td> <td>126.4</td> <td>128.8</td> <td>125.4</td> <td>83.6</td> <td>80.2</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>17.0</td> <td>18.2</td> <td>19.0</td> <td>19.3</td> <td>18.8</td> <td>12.5</td> <td>12.0</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>80.9</td> <td>226.1</td> <td>119.3</td> <td>64.0</td> <td>69.4</td> <td>224.0</td> <td>264.5</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>73.9</td> <td>121.4</td> <td>126.4</td> <td>128.8</td> <td>125.4</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>32.0</td> <td>20.9</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>105.3</td> <td>119.0</td> <td>127.4</td> <td>131.6</td> <td>44.2</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>103.5</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>7.4</td> <td>7.4</td> <td>7.4</td> <td>7.4</td> <td>7.4</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>3.6</td> <td>7.4</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>3.7</td> <td>3.7</td> <td>3.7</td> <td>3.7</td> <td>3.7</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>1.8</td> <td>3.7</td> </tr> <tr> <td colspan="14">Marketing month:</td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>4.0</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>4.0</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>121.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>85.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>31.0</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:													National Forest 16/	AM	--	--	--	--	3.0	104.0	148.0	129.0	19.0	--	--	Bureau of Land Management 16/	AM	5.0	--	--	21.0	55.0	39.0	37.0	35.0	22.0	15.0	11.0	Pasture rent/lease 17/	AUM	--	--	--	--	113.2	121.4	126.4	128.8	125.4	83.6	80.2	State land lease	AUM	--	--	--	--	17.0	18.2	19.0	19.3	18.8	12.5	12.0	Deeded rangeland 17/	AUM	--	--	--	--	80.9	226.1	119.3	64.0	69.4	224.0	264.5	Irrigated pasture 17/	AUM	--	--	--	--	73.9	121.4	126.4	128.8	125.4	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	32.0	20.9	--	Hay	Ton	105.3	119.0	127.4	131.6	44.2	--	--	--	--	--	103.5	Grain	Bu	7.4	7.4	7.4	7.4	7.4	--	--	--	--	3.6	7.4	Protein supplement	Ton	3.7	3.7	3.7	3.7	3.7	--	--	--	--	1.8	3.7	Marketing month:														Steer calves	Head	--	--	--	--	--	--	--	--	--	4.0	--	Heifer calves	Head	--	--	--	--	--	--	--	--	--	4.0	--	Yearling steers	Head	--	--	--	--	--	--	--	--	121.0	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	--	85.0	--	--	Cull cows	Head	--	--	--	--	--	--	--	--	--	31.0	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																												
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National Forest 16/	AM	--	--	--	--	3.0	104.0	148.0	129.0	19.0	--	--																																																																																																																																																																																																																																												
Bureau of Land Management 16/	AM	5.0	--	--	21.0	55.0	39.0	37.0	35.0	22.0	15.0	11.0																																																																																																																																																																																																																																												
Pasture rent/lease 17/	AUM	--	--	--	--	113.2	121.4	126.4	128.8	125.4	83.6	80.2																																																																																																																																																																																																																																												
State land lease	AUM	--	--	--	--	17.0	18.2	19.0	19.3	18.8	12.5	12.0																																																																																																																																																																																																																																												
Deeded rangeland 17/	AUM	--	--	--	--	80.9	226.1	119.3	64.0	69.4	224.0	264.5																																																																																																																																																																																																																																												
Irrigated pasture 17/	AUM	--	--	--	--	73.9	121.4	126.4	128.8	125.4	--	--																																																																																																																																																																																																																																												
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	32.0	20.9	--																																																																																																																																																																																																																																												
Hay	Ton	105.3	119.0	127.4	131.6	44.2	--	--	--	--	--	103.5																																																																																																																																																																																																																																												
Grain	Bu	7.4	7.4	7.4	7.4	7.4	--	--	--	--	3.6	7.4																																																																																																																																																																																																																																												
Protein supplement	Ton	3.7	3.7	3.7	3.7	3.7	--	--	--	--	1.8	3.7																																																																																																																																																																																																																																												
Marketing month:																																																																																																																																																																																																																																																								
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Heifer calves	Head	--	--	--	--	--	--	--	--	--	4.0	--																																																																																																																																																																																																																																												
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Yearling heifers	Head	--	--	--	--	--	--	--	--	85.0	--	--																																																																																																																																																																																																																																												
Cull cows	Head	--	--	--	--	--	--	--	--	--	31.0	--																																																																																																																																																																																																																																												

Table 69--Beef cow enterprises with 500-999 cows, Routt National Forest, North-Central Colorado, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow
Production:							Cash costs--Continued						
Bred cows 1/	Head	678	--	--	--	--	Protein supplement 5/	Ton	46.8	--	193.00	9,032	13.32
Annual cow loss	Head	10	--	--	--	--	Grain	Bu	93.2	--	2.58	240	0.35
Cows culled	Head	74	--	--	--	--	Other feed	Ton	--	--	--	--	--
Calves born alive	Head	617	--	--	--	--	Salt and mineral	Cwt	237.3	--	4.57	1,084	1.60
Calves lost birth to weaning	Head	19	--	--	--	--	Veterinary & medicine	Dol	--	--	--	4,258	6.28
Steer calves weaned	Head	299	--	--	--	--	Hired trucking	Dol	--	--	--	1,326	1.96
Sold as weaners	Head	9	--	--	--	--	Marketing 6/	Dol	--	--	--	1,916	2.83
Lost after weaning	Head	7	--	--	--	--	General overhead 7/	Dol	--	--	--	6,336	9.35
Sold as yearlings	Head	283	--	--	--	--	Hired labor	Hrs	3,905.0	--	4.22	16,479	24.31
Heifer calves weaned	Head	299	--	--	--	--	Fuel and lubricants	Dol	--	--	--	7,236	10.67
Sold as weaners	Head	10	--	--	--	--	Repairs	Dol	--	--	--	10,366	15.29
Lost after weaning	Head	6	--	--	--	--	Taxes 8/	Dol	--	--	--	6,678	9.85
Sold as yearlings	Head	199	--	--	--	--	Insurance	Dol	--	--	--	3,335	4.92
Kept for herd replacement 2/	Head	84	--	--	--	--	Interest on operating capital 9/	Dol	81,190.3	--	0.15	12,503	18.44
Bulls	Head	29	--	--	--	--	Total cash costs	Dol	--	--	--	170,775	251.88
Sales:							Other costs:						
Steer calves	Head	9	375	69.14	2,333	--	Family labor 10/	Hrs	5,797.0	--	4.22	24,463	36.08
Heifer calves	Head	10	350	61.71	2,160	--	Capital replacement 11/	Dol	--	--	--	27,765	40.95
Yearling steers	Head	283	788	63.39	141,362	--	Interest on investment other than land 13/	Dol	--	--	--	65,958	97.28
Yearling heifers	Head	199	700	58.42	81,379	--	Interest on land 13/	Dol	--	--	--	382,141	563.63
Cull cows	Head	74	1,000	35.05	25,937	--	Total other costs	Dol	--	--	--	500,327	737.95
Total sales	Head	--	--	--	253,171	373.41	Total all costs	Dol	--	--	--	671,102	989.83
Cash costs:							Return above cash costs:						
Federal grazing fees 3/	AM	1,374.0	--	1.86	2,556	3.77	Return above cash costs:	Dol	--	--	--	82,396	121.53
Private pasture lease	AUM	1,755.8	--	9.04	15,872	23.41	Return to total investment 14/	Dol	--	--	--	30,168	44.50
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-35,790	-52.79
State land lease	AUM	263.4	--	1.85	487	0.72							
Irrigated pasture	AUM	1,472.1	--	4.48	6,595	9.73							
Hay produced	Ton	1,393.4	--	42.80	59,638	87.96							
Hay purchased	Ton	73.3	--	66.00	4,838	7.14							
: : : Jan. : Feb. : Mar. : Apr. : May : June : July : Aug. : Sept. : Oct. : Nov. : Dec.													
Feed source:													
National Forest 16/	AM	--	--	--	--	--	9.0	198.0	259.0	230.0	23.0	--	--
Bureau of Land Management 16/	AM	10.0	10.0	10.0	10.0	102.0	146.0	127.0	103.0	86.0	26.0	11.0	14.0
Pasture rent/lease 17/	AUM	--	--	--	--	254.8	273.2	282.8	287.6	278.8	197.2	181.4	--
State land lease	AUM	--	--	--	--	38.2	41.0	42.4	43.2	41.8	29.6	27.2	--
Deeded rangeland 17/	AUM	--	--	--	--	120.5	462.6	236.0	192.6	168.3	621.4	630.3	--
Irrigated pasture 17/	AUM	--	--	--	--	269.9	290.2	302.4	308.6	301.0	--	--	--
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	75.3	19.3	--
Hay	Ton	242.2	268.7	296.8	316.6	101.4	--	--	--	--	--	--	241.0
Grain	Bu	14.4	14.4	14.4	14.0	14.4	--	--	--	--	--	7.2	14.4
Protein supplement	Ton	7.2	7.2	7.2	7.2	7.2	--	--	--	--	--	3.6	7.2
Marketing month:													
Steer calves	Head	--	--	--	--	--	--	--	--	--	--	9.0	--
Heifer calves	Head	--	--	--	--	--	--	--	--	--	10.0	--	--
Yearling steers	Head	--	--	--	--	--	--	--	--	--	283.0	--	--
Yearling heifers	Head	--	--	--	--	--	--	--	--	--	199.0	--	--
Cull cows	Head	--	--	--	--	--	--	--	--	--	--	74.0	--

Table 70--Beef cow enterprises with 1,000 or more cows, Routt National Forest, North-Central Colorado, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																																	
Production:							Cash costs--Continued																																																																																																																																																																																																																																																							
Bred cows 1/	Head	1,692	--	--	--	--	Protein supplement 5/	Ton	141.1	--	193.00	27,232	16.09																																																																																																																																																																																																																																																	
Annual cow loss	Head	25	--	--	--	--	Grain	Bu	282.2	--	2.58	728	0.43																																																																																																																																																																																																																																																	
Cows culled	Head	174	--	--	--	--	Other feed	Ton	--	--	--	--	--																																																																																																																																																																																																																																																	
Calves born alive	Head	1,540	--	--	--	--	Salt and mineral	Cwt	592.2	--	4.57	2,706	1.60																																																																																																																																																																																																																																																	
Calves lost birth to weaning	Head	39	--	--	--	--	Veterinary & medicine	Dol	--	--	--	10,942	6.47																																																																																																																																																																																																																																																	
Steer calves weaned	Head	750	--	--	--	--	Hired trucking	Dol	--	--	--	18,644	11.02																																																																																																																																																																																																																																																	
Sold as weaners	Head	22	--	--	--	--	Marketing 6/	Dol	--	--	--	4,350	2.57																																																																																																																																																																																																																																																	
Lost after weaning	Head	15	--	--	--	--	General overhead 7/	Dol	--	--	--	15,812	9.35																																																																																																																																																																																																																																																	
Sold as yearlings	Head	713	--	--	--	--	Hired labor	Hrs	10,643.0	--	4.22	44,913	26.54																																																																																																																																																																																																																																																	
Heifer calves weaned	Head	751	--	--	--	--	Fuel and lubricants	Dol	--	--	--	17,845	10.55																																																																																																																																																																																																																																																	
Sold as weaners	Head	25	--	--	--	--	Repairs	Dol	--	--	--	24,619	14.55																																																																																																																																																																																																																																																	
Lost after weaning	Head	15	--	--	--	--	Taxes 8/	Dol	--	--	--	15,578	9.21																																																																																																																																																																																																																																																	
Sold as yearlings	Head	512	--	--	--	--	Insurance	Dol	--	--	--	8,267	4.89																																																																																																																																																																																																																																																	
Kept for herd replacement 2/	Head	199	--	--	--	--	Interest on operating capital 9/	Dol	212,494.1	--	0.15	32,724	19.34																																																																																																																																																																																																																																																	
Bulls	Head	74	--	--	--	--	Total cash costs	Dol	--	--	--	448,740	265.21																																																																																																																																																																																																																																																	
Sales:							Other costs:																																																																																																																																																																																																																																																							
Steer calves	Head	22	375	69.14	5,704	--	Family labor 10/	Hrs	5,499.0	--	4.22	23,206	13.72																																																																																																																																																																																																																																																	
Heifer calves	Head	25	350	61.71	5,400	--	Capital replacement 11/	Dol	--	--	--	65,470	38.69																																																																																																																																																																																																																																																	
Yearling steers	Head	713	788	63.39	356,153	--	Interest on investment other than land 13/	Dol	--	--	--	163,575	96.68																																																																																																																																																																																																																																																	
Yearling heifers	Head	512	700	58.42	209,377	--	Interest on land 13/	Dol	--	--	--	886,142	523.72																																																																																																																																																																																																																																																	
Cull cows	Head	174	1,000	35.05	60,987	--	Total other costs	Dol	--	--	--	1,138,393	672.81																																																																																																																																																																																																																																																	
Total sales	Head	--	--	--	637,621	376.84	Total all costs	Dol	--	--	--	1,587,133	938.02																																																																																																																																																																																																																																																	
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																							
Federal grazing fees 3/	AM	1,825.0	--	1.86	3,395	2.01	Return above cash costs and family labor	Dol	--	--	--	188,881	11.63																																																																																																																																																																																																																																																	
Private pasture lease	AUM	2,662.3	--	9.04	24,067	14.22	Return above cash costs investment 14/	Dol	--	--	--	165,675	97.92																																																																																																																																																																																																																																																	
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	100,205	59.22																																																																																																																																																																																																																																																	
State land lease	AUM	697.1	--	1.85	1,290	0.76					--	-63,370	-37.45																																																																																																																																																																																																																																																	
Irrigated pasture	AUM	3,675.8	--	4.48	16,468	9.73																																																																																																																																																																																																																																																								
Hay produced	Ton	3,871.7	--	42.80	165,709	97.94																																																																																																																																																																																																																																																								
Hay purchased	Ton	203.8	--	66.00	13,451	7.95																																																																																																																																																																																																																																																								
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td colspan="14">Feed source:</td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>182.0</td> <td>244.0</td> <td>190.0</td> <td>6.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>55.0</td> <td>146.0</td> <td>218.0</td> <td>187.0</td> <td>185.0</td> <td>156.0</td> <td>69.0</td> <td>--</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>104.4</td> <td>457.9</td> <td>435.7</td> <td>428.5</td> <td>400.9</td> <td>384.1</td> <td>450.8</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>101.2</td> <td>108.7</td> <td>113.2</td> <td>115.5</td> <td>112.7</td> <td>73.9</td> <td>71.9</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>27.2</td> <td>1,781.5</td> <td>1,684.7</td> <td>1,653.1</td> <td>1,538.7</td> <td>1,536.3</td> <td>1,600.0</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>675.2</td> <td>724.4</td> <td>754.8</td> <td>770.0</td> <td>751.4</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>187.9</td> <td>123.1</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>628.1</td> <td>700.8</td> <td>751.6</td> <td>802.7</td> <td>564.2</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>628.1</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>43.4</td> <td>43.4</td> <td>43.4</td> <td>43.4</td> <td>43.4</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>21.8</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>21.7</td> <td>21.7</td> <td>21.7</td> <td>21.7</td> <td>21.7</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>11.0</td> </tr> <tr> <td colspan="14">Marketing month:</td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>22.0</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>25.0</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>713.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>512.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>174.0</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:														National Forest 16/	AM	--	--	--	--	--	182.0	244.0	190.0	6.0	--	--	Bureau of Land Management 16/	AM	--	--	--	55.0	146.0	218.0	187.0	185.0	156.0	69.0	--	Pasture rent/lease 17/	AUM	--	--	--	--	104.4	457.9	435.7	428.5	400.9	384.1	450.8	State land lease	AUM	--	--	--	--	101.2	108.7	113.2	115.5	112.7	73.9	71.9	Deeded rangeland 17/	AUM	--	--	--	--	27.2	1,781.5	1,684.7	1,653.1	1,538.7	1,536.3	1,600.0	Irrigated pasture 17/	AUM	--	--	--	--	675.2	724.4	754.8	770.0	751.4	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	187.9	123.1	--	Hay	Ton	628.1	700.8	751.6	802.7	564.2	--	--	--	--	--	628.1	Grain	Bu	43.4	43.4	43.4	43.4	43.4	--	--	--	--	--	21.8	Protein supplement	Ton	21.7	21.7	21.7	21.7	21.7	--	--	--	--	--	11.0	Marketing month:														Steer calves	Head	--	--	--	--	--	--	--	--	--	--	22.0	--	Heifer calves	Head	--	--	--	--	--	--	--	--	--	--	25.0	--	Yearling steers	Head	--	--	--	--	--	--	--	--	713.0	--	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	--	512.0	--	--	--	Cull cows	Head	--	--	--	--	--	--	--	--	--	--	174.0	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																																		
Feed source:																																																																																																																																																																																																																																																														
National Forest 16/	AM	--	--	--	--	--	182.0	244.0	190.0	6.0	--	--																																																																																																																																																																																																																																																		
Bureau of Land Management 16/	AM	--	--	--	55.0	146.0	218.0	187.0	185.0	156.0	69.0	--																																																																																																																																																																																																																																																		
Pasture rent/lease 17/	AUM	--	--	--	--	104.4	457.9	435.7	428.5	400.9	384.1	450.8																																																																																																																																																																																																																																																		
State land lease	AUM	--	--	--	--	101.2	108.7	113.2	115.5	112.7	73.9	71.9																																																																																																																																																																																																																																																		
Deeded rangeland 17/	AUM	--	--	--	--	27.2	1,781.5	1,684.7	1,653.1	1,538.7	1,536.3	1,600.0																																																																																																																																																																																																																																																		
Irrigated pasture 17/	AUM	--	--	--	--	675.2	724.4	754.8	770.0	751.4	--	--																																																																																																																																																																																																																																																		
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	187.9	123.1	--																																																																																																																																																																																																																																																		
Hay	Ton	628.1	700.8	751.6	802.7	564.2	--	--	--	--	--	628.1																																																																																																																																																																																																																																																		
Grain	Bu	43.4	43.4	43.4	43.4	43.4	--	--	--	--	--	21.8																																																																																																																																																																																																																																																		
Protein supplement	Ton	21.7	21.7	21.7	21.7	21.7	--	--	--	--	--	11.0																																																																																																																																																																																																																																																		
Marketing month:																																																																																																																																																																																																																																																														
Steer calves	Head	--	--	--	--	--	--	--	--	--	--	22.0	--																																																																																																																																																																																																																																																	
Heifer calves	Head	--	--	--	--	--	--	--	--	--	--	25.0	--																																																																																																																																																																																																																																																	
Yearling steers	Head	--	--	--	--	--	--	--	--	713.0	--	--	--																																																																																																																																																																																																																																																	
Yearling heifers	Head	--	--	--	--	--	--	--	--	512.0	--	--	--																																																																																																																																																																																																																																																	
Cull cows	Head	--	--	--	--	--	--	--	--	--	--	174.0	--																																																																																																																																																																																																																																																	

Table 71--Beef cow enterprises with 0-99 cows, San Juan National Forest, Southwestern Colorado, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow
Production:							:Cash costs--Continued						
Bred cows 1/	Head	60	--	--	--	--	Protein supplement 5/	Ton	--	--	--	--	--
Annual cow loss	Head	2	--	--	--	--	Grain	Bu	--	--	--	--	--
Cows culled	Head	6	--	--	--	--	Other feed	Ton	--	--	--	--	--
Calves born alive	Head	55	--	--	--	--	Salt and mineral	Cwt	21.0	--	4.57	96	1.60
Calves lost birth to weaning	Head	8	--	--	--	--	Veterinary & medicine	Dol	--	--	--	313	5.22
Steer calves weaned	Head	23	--	--	--	--	Hired trucking	Dol	--	--	--	77	1.28
Sold as weaners	Head	22	--	--	--	--	Marketing 6/	Dol	--	--	--	194	3.23
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	Dol	--	--	--	836	13.93
Sold as yearlings	Head	1	--	--	--	--	Hired labor	Hrs	120.0	--	4.22	506	8.43
Heifer calves weaned	Head	24	--	--	--	--	Fuel and lubricants	Dol	--	--	--	1,219	20.32
Sold as weaners	Head	14	--	--	--	--	Repairs	Dol	--	--	--	979	16.32
Lost after weaning	Head	--	--	--	--	--	Taxes 8/	Dol	--	--	--	478	7.97
Sold as yearlings	Head	2	--	--	--	--	Insurance	Dol	--	--	--	334	5.57
Kept for herd replacement 2/	Head	8	--	--	--	--	Interest on operating capital 9/	Dol	5,263.8	--	0.15	811	13.52
Bulls	Head	3	--	--	--	--	Total cash costs	Dol	--	--	--	11,446	190.77
Sales:							:Other costs:						
Steer calves	Head	22	425	67.24	6,287	--	Family labor 10/	Hrs	700.0	--	4.22	2,954	49.23
Heifer calves	Head	14	380	59.42	3,161	--	Capital replacement 11/	Dol	--	--	--	2,406	40.10
Yearling steers	Head	1	700	63.39	444	--	Interest on investment other than land 13/	Dol	--	--	--	6,362	106.03
Yearling heifers	Head	2	650	58.42	759	--	Interest on land 13/	Dol	--	--	--	23,175	386.25
Cull cows	Head	6	975	35.05	2,050	--	Total other costs	Dol	--	--	--	34,897	581.62
Total sales	Head	--	--	--	12,701	211.68	Total all costs	Dol	--	--	--	46,343	772.38
Cash costs:							:Return above cash costs:						
Federal grazing fees 3/	AM	224.0	--	1.86	417	6.95	and family labor	Dol	--	--	--	1,255	20.92
Private pasture lease	AUM	11.7	--	9.04	106	1.77	Return to total investment 14/	Dol	--	--	--	-4,105	-68.42
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-10,467	-174.45
State land lease	AUM	13.6	--	1.40	19	0.32							
Irrigated pasture	AUM	70.0	--	4.48	314	5.23							
Hay produced	Ton	102.6	--	42.80	4,391	73.18							
Hay purchased	Ton	5.4	--	66.00	356	5.93							
: Jan. : Feb. : Mar. : Apr. : May : June : July : Aug. : Sept. : Oct. : Nov. : Dec.													
Feed source:													
National Forest 16/	AM	--	--	--	--	1.0	10.0	46.0	46.0	46.0	21.0	--	--
Bureau of Land Management 16/	AM	3.0	3.0	5.0	7.0	9.0	4.0	4.0	4.0	4.0	5.0	3.0	3.0
Pasture rent/lease 17/	AUM	--	--	--	--	--	--	--	--	--	6.6	5.1	--
State land lease	AUM	1.7	1.9	2.0	2.2	2.4	--	--	--	--	--	1.7	1.7
Deeded rangeland 17/	AUM	4.3	9.9	13.0	16.8	6.8	68.6	17.4	17.4	17.4	20.6	46.6	4.3
Irrigated pasture 17/	AUM	--	--	--	--	11.3	12.1	12.2	12.2	11.6	10.6	--	--
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	15.0	--	--
Hay	Ton	18.0	18.0	18.0	18.0	18.0	--	--	--	--	--	--	18.0
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--
Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--	--
Marketing month:													
Steer calves	Head	--	--	--	--	--	--	--	--	--	--	22.0	--
Heifer calves	Head	--	--	--	--	--	--	--	--	--	--	14.0	--
Yearling steers	Head	--	--	--	--	--	--	--	--	--	1.0	--	--
Yearling heifers	Head	--	--	--	--	--	--	--	--	--	2.0	--	--
Cull cows	Head	--	--	--	--	--	--	--	--	--	--	6.0	--

Table 72—Beef cow enterprises with 100-299 cows, San Juan National Forest, Southwest Colorado, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																										
Production:							Cash costs--Continued																																																																																																																																																																																																																																																
Bred cows 1/	Head	181	--	--	--	--	Protein supplement 5/	Ton	10.8	--	193.00	2,084	11.51																																																																																																																																																																																																																																										
Annual cow loss	Head	5	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																										
Cows culled	Head	17	--	--	--	--	Other feed	Ton	--	--	--	--	--																																																																																																																																																																																																																																										
Calves born alive	Head	167	--	--	--	--	Salt and mineral	Cwt	63.4	--	4.57	290	1.60																																																																																																																																																																																																																																										
Calves lost birth to weaning	Head	20	--	--	--	--	Veterinary & medicine	Dol	--	--	--	1,316	7.27																																																																																																																																																																																																																																										
Steer calves weaned	Head	73	--	--	--	--	Hired trucking	Dol	--	--	--	755	4.17																																																																																																																																																																																																																																										
Sold as weaners	Head	69	--	--	--	--	Marketing 6/	Dol	--	--	--	439	2.43																																																																																																																																																																																																																																										
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	Dol	--	--	--	2,217	12.25																																																																																																																																																																																																																																										
Sold as yearlings	Head	4	--	--	--	--	Hired labor	Hrs	713.0	--	4.22	3,000	16.62																																																																																																																																																																																																																																										
Heifer calves weaned	Head	74	--	--	--	--	Fuel and lubricants	Dol	--	--	--	4,003	22.12																																																																																																																																																																																																																																										
Sold as weaners	Head	46	--	--	--	--	Repairs	Dol	--	--	--	4,347	24.02																																																																																																																																																																																																																																										
Lost after weaning	Head	1	--	--	--	--	Taxes 8/	Dol	--	--	--	1,880	10.39																																																																																																																																																																																																																																										
Sold as yearlings	Head	5	--	--	--	--	Insurance	Dol	--	--	--	955	5.28																																																																																																																																																																																																																																										
Kept for herd replacement 2/	Head	22	--	--	--	--	Interest on operating capital 9/	Dol	15,901.9	--	0.15	2,449	13.53																																																																																																																																																																																																																																										
Bulls	Head	9	--	--	--	--	Total cash costs	Dol	--	--	--	35,818	197.89																																																																																																																																																																																																																																										
Sales:							Other costs:																																																																																																																																																																																																																																																
Steer calves	Head	69	425	67.24	19,718	--	Family labor 10/	Hrs	2,632.0	--	4.22	11,107	61.36																																																																																																																																																																																																																																										
Heifer calves	Head	46	380	59.42	10,387	--	Capital replacement 11/	Dol	--	--	--	8,650	47.79																																																																																																																																																																																																																																										
Yearling steers	Head	4	700	63.39	1,775	--	Interest on investment other than land 13/	Dol	--	--	--	19,760	109.17																																																																																																																																																																																																																																										
Yearling heifers	Head	5	650	58.42	1,899	--	Interest on land 13/	Dol	--	--	--	96,491	533.10																																																																																																																																																																																																																																										
Cull cows	Head	17	975	35.05	5,810	--	Total other costs	Dol	--	--	--	136,008	751.43																																																																																																																																																																																																																																										
Total sales	Head	--	--	--	39,589	218.72	Total all costs	Dol	--	--	--	171,826	949.31																																																																																																																																																																																																																																										
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																
Federal grazing fees 3/	AM	692.0	--	1.86	1,287	7.11	Return above cash costs and family labor	Dol	--	--	--	3,771	20.83																																																																																																																																																																																																																																										
Private pasture lease	AUM	35.1	--	9.04	317	1.75	Return to total investment 14/	Dol	--	--	--	-15,986	-88.32																																																																																																																																																																																																																																										
Other pasture lease 4/	AUM	--	--	--	--	5.21	Return to land 15/	Dol	--	--	--	-35,746	-191.44																																																																																																																																																																																																																																										
State land lease	AUM	40.8	--	1.40	57	0.31																																																																																																																																																																																																																																																	
Irrigated pasture	AUM	210.5	--	4.48	943	48.38																																																																																																																																																																																																																																																	
Hay produced	Ton	204.6	--	42.80	8,757	3.94																																																																																																																																																																																																																																																	
Hay purchased	Ton	10.8	--	66.00	713																																																																																																																																																																																																																																																		
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td>Feed source:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>3.0</td> <td>94.0</td> <td>134.0</td> <td>135.0</td> <td>135.0</td> <td>66.0</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>12.0</td> <td>9.0</td> <td>4.0</td> <td>11.0</td> <td>17.0</td> <td>9.0</td> <td>7.0</td> <td>11.0</td> <td>10.0</td> <td>9.0</td> <td>10.0</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>19.8</td> <td>15.3</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>5.2</td> <td>5.6</td> <td>6.1</td> <td>6.6</td> <td>7.1</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>5.1</td> <td>5.1</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>--</td> <td>15.6</td> <td>38.2</td> <td>47.3</td> <td>214.8</td> <td>117.7</td> <td>65.4</td> <td>59.9</td> <td>58.2</td> <td>65.8</td> <td>138.9</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>34.0</td> <td>36.3</td> <td>36.7</td> <td>37.0</td> <td>34.8</td> <td>31.7</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>44.9</td> <td>34.7</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>52.5</td> <td>54.3</td> <td>54.3</td> <td>54.3</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>2.7</td> <td>2.7</td> <td>2.7</td> <td>2.7</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Marketing month:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>69.0</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>46.0</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>4.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>5.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>17.0</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:													National Forest 16/	AM	--	--	--	--	3.0	94.0	134.0	135.0	135.0	66.0	--	Bureau of Land Management 16/	AM	12.0	9.0	4.0	11.0	17.0	9.0	7.0	11.0	10.0	9.0	10.0	Pasture rent/lease 17/	AUM	--	--	--	--	--	--	--	--	19.8	15.3	--	State land lease	AUM	5.2	5.6	6.1	6.6	7.1	--	--	--	--	5.1	5.1	Deeded rangeland 17/	AUM	--	15.6	38.2	47.3	214.8	117.7	65.4	59.9	58.2	65.8	138.9	Irrigated pasture 17/	AUM	--	--	--	--	34.0	36.3	36.7	37.0	34.8	31.7	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	44.9	34.7	--	Hay	Ton	52.5	54.3	54.3	54.3	--	--	--	--	--	--	--	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	2.7	2.7	2.7	2.7	--	--	--	--	--	--	--	Marketing month:													Steer calves	Head	--	--	--	--	--	--	--	--	--	69.0	--	Heifer calves	Head	--	--	--	--	--	--	--	--	--	46.0	--	Yearling steers	Head	--	--	--	--	--	--	--	--	4.0	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	--	5.0	--	--	Cull cows	Head	--	--	--	--	--	--	--	--	--	17.0	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																											
Feed source:																																																																																																																																																																																																																																																							
National Forest 16/	AM	--	--	--	--	3.0	94.0	134.0	135.0	135.0	66.0	--																																																																																																																																																																																																																																											
Bureau of Land Management 16/	AM	12.0	9.0	4.0	11.0	17.0	9.0	7.0	11.0	10.0	9.0	10.0																																																																																																																																																																																																																																											
Pasture rent/lease 17/	AUM	--	--	--	--	--	--	--	--	19.8	15.3	--																																																																																																																																																																																																																																											
State land lease	AUM	5.2	5.6	6.1	6.6	7.1	--	--	--	--	5.1	5.1																																																																																																																																																																																																																																											
Deeded rangeland 17/	AUM	--	15.6	38.2	47.3	214.8	117.7	65.4	59.9	58.2	65.8	138.9																																																																																																																																																																																																																																											
Irrigated pasture 17/	AUM	--	--	--	--	34.0	36.3	36.7	37.0	34.8	31.7	--																																																																																																																																																																																																																																											
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	44.9	34.7	--																																																																																																																																																																																																																																											
Hay	Ton	52.5	54.3	54.3	54.3	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Protein supplement	Ton	2.7	2.7	2.7	2.7	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Marketing month:																																																																																																																																																																																																																																																							
Steer calves	Head	--	--	--	--	--	--	--	--	--	69.0	--																																																																																																																																																																																																																																											
Heifer calves	Head	--	--	--	--	--	--	--	--	--	46.0	--																																																																																																																																																																																																																																											
Yearling steers	Head	--	--	--	--	--	--	--	--	4.0	--	--																																																																																																																																																																																																																																											
Yearling heifers	Head	--	--	--	--	--	--	--	--	5.0	--	--																																																																																																																																																																																																																																											
Cull cows	Head	--	--	--	--	--	--	--	--	--	17.0	--																																																																																																																																																																																																																																											

Table 73--Beef cow enterprises with 300-499 cows, San Juan National Forest, Southwest Colorado, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																																											
Production:							Cash costs--Continued																																																																																																																																																																																																																																																																	
Bred cows 1/	Head	392	--	--	--	--	Protein supplement 5/	Ton	47.0	--	193.00	9,071	23.14																																																																																																																																																																																																																																																											
Annual cow loss	Head	12	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																																											
Cows culled	Head	34	--	--	--	--	Other feed	Ton	--	--	--	--	--																																																																																																																																																																																																																																																											
Calves born alive	Head	349	--	--	--	--	Salt and mineral	Cwt	137.2	--	4.57	627	1.60																																																																																																																																																																																																																																																											
Calves lost birth to weaning	Head	35	--	--	--	--	Veterinary & medicine	Dol	--	--	--	2,851	7.27																																																																																																																																																																																																																																																											
Steer calves weaned	Head	157	--	--	--	--	Hired trucking	Dol	--	--	--	1,636	4.17																																																																																																																																																																																																																																																											
Sold as weaners	Head	149	--	--	--	--	Marketing 6/	Dol	--	--	--	940	2.40																																																																																																																																																																																																																																																											
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	Dol	--	--	--	3,690	9.41																																																																																																																																																																																																																																																											
Sold as yearlings	Head	8	--	--	--	--	Hired labor	Hrs	1,544.0	--	4.22	6,516	16.62																																																																																																																																																																																																																																																											
Heifer calves weaned	Head	157	--	--	--	--	Fuel and lubricants	Dol	--	--	--	3,280	8.37																																																																																																																																																																																																																																																											
Sold as weaners	Head	99	--	--	--	--	Repairs	Dol	--	--	--	6,590	16.81																																																																																																																																																																																																																																																											
Lost after weaning	Head	1	--	--	--	--	Taxes 8/	Dol	--	--	--	3,328	8.49																																																																																																																																																																																																																																																											
Sold as yearlings	Head	11	--	--	--	--	Insurance	Dol	--	--	--	1,932	4.93																																																																																																																																																																																																																																																											
Kept for herd replacement 2/	Head	46	--	--	--	--	Interest on operating capital 9/	Dol	27,065.3	--	0.15	4,168	10.63																																																																																																																																																																																																																																																											
Bulls	Head	20	--	--	--	--	Total cash costs	Dol	--	--	--	60,210	153.60																																																																																																																																																																																																																																																											
Sales:							Other costs:																																																																																																																																																																																																																																																																	
Steer calves	Head	149	425	67.24	42,580	--	Family labor 10/	Hrs	5,700.0	--	4.22	24,054	61.36																																																																																																																																																																																																																																																											
Heifer calves	Head	99	380	59.42	22,354	--	Capital replacement 11/	Dol	--	--	--	18,833	48.04																																																																																																																																																																																																																																																											
Yearling steers	Head	8	700	63.39	3,550	--	Interest on investment other than land 13/	Dol	--	--	--	38,155	97.33																																																																																																																																																																																																																																																											
Yearling heifers	Head	11	650	58.42	4,177	--	Interest on land 13/	Dol	--	--	--	187,320	477.86																																																																																																																																																																																																																																																											
Cull cows	Head	34	975	35.05	11,619	--	Total other costs	Dol	--	--	--	268,362	684.60																																																																																																																																																																																																																																																											
Total sales	Head	--	--	--	84,280	215.00	Total all costs	Dol	--	--	--	328,572	838.19																																																																																																																																																																																																																																																											
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																																	
Federal grazing fees 3/	AM	2,141.0	--	1.86	3,982	10.16	Return above cash costs:	Dol	--	--	--	24,070	61.40																																																																																																																																																																																																																																																											
Private pasture lease	AUM	109.5	--	9.04	990	2.53	Return above cash costs:	Dol	--	--	--	16	0.04																																																																																																																																																																																																																																																											
Other pasture lease 4/	AUM	--	--	--	--	--	Return to total investment 14/	Dol	--	--	--	-18,817	-48.00																																																																																																																																																																																																																																																											
State land lease	AUM	88.3	--	1.40	124	0.32	Return to land 15/	Dol	--	--	--	-56,972	-145.34																																																																																																																																																																																																																																																											
Irrigated pasture	AUM	455.3	--	4.48	2,040	5.20																																																																																																																																																																																																																																																																		
Hay produced	Ton	182.5	--	42.80	7,811	19.93																																																																																																																																																																																																																																																																		
Hay purchased	Ton	9.6	--	66.00	634	1.62																																																																																																																																																																																																																																																																		
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td colspan="14">Feed source:</td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>3.0</td> <td>3.0</td> <td>2.0</td> <td>--</td> <td>7.0</td> <td>192.0</td> <td>234.0</td> <td>234.0</td> <td>234.0</td> <td>155.0</td> <td>2.0</td> <td>3.0</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>177.0</td> <td>188.0</td> <td>174.0</td> <td>158.0</td> <td>118.0</td> <td>22.0</td> <td>5.0</td> <td>5.0</td> <td>5.0</td> <td>4.0</td> <td>63.0</td> <td>153.0</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>43.1</td> <td>66.4</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>11.1</td> <td>12.2</td> <td>13.2</td> <td>14.3</td> <td>15.3</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>11.1</td> <td>11.1</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>289.2</td> <td>353.7</td> <td>266.9</td> <td>235.9</td> <td>238.6</td> <td>227.9</td> <td>148.5</td> <td>225.1</td> <td>278.9</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>73.4</td> <td>78.6</td> <td>79.3</td> <td>79.7</td> <td>75.4</td> <td>68.9</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>97.6</td> <td>75.3</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>58.2</td> <td>61.5</td> <td>72.4</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>11.8</td> <td>11.8</td> <td>11.8</td> <td>11.6</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td colspan="14">Marketing month:</td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>149.0</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>99.0</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>8.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>11.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>34.0</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:														National Forest 16/	AM	3.0	3.0	2.0	--	7.0	192.0	234.0	234.0	234.0	155.0	2.0	3.0	Bureau of Land Management 16/	AM	177.0	188.0	174.0	158.0	118.0	22.0	5.0	5.0	5.0	4.0	63.0	153.0	Pasture rent/lease 17/	AUM	--	--	--	--	--	--	--	--	--	43.1	66.4	--	State land lease	AUM	11.1	12.2	13.2	14.3	15.3	--	--	--	--	--	11.1	11.1	Deeded rangeland 17/	AUM	--	--	--	289.2	353.7	266.9	235.9	238.6	227.9	148.5	225.1	278.9	Irrigated pasture 17/	AUM	--	--	--	--	73.4	78.6	79.3	79.7	75.4	68.9	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	97.6	75.3	--	Hay	Ton	58.2	61.5	72.4	--	--	--	--	--	--	--	--	--	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	11.8	11.8	11.8	11.6	--	--	--	--	--	--	--	--	Marketing month:														Steer calves	Head	--	--	--	--	--	--	--	--	--	--	149.0	--	Heifer calves	Head	--	--	--	--	--	--	--	--	--	--	99.0	--	Yearling steers	Head	--	--	--	--	--	--	--	--	--	8.0	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	--	--	11.0	--	--	Cull cows	Head	--	--	--	--	--	--	--	--	--	--	34.0	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																																												
Feed source:																																																																																																																																																																																																																																																																								
National Forest 16/	AM	3.0	3.0	2.0	--	7.0	192.0	234.0	234.0	234.0	155.0	2.0	3.0																																																																																																																																																																																																																																																											
Bureau of Land Management 16/	AM	177.0	188.0	174.0	158.0	118.0	22.0	5.0	5.0	5.0	4.0	63.0	153.0																																																																																																																																																																																																																																																											
Pasture rent/lease 17/	AUM	--	--	--	--	--	--	--	--	--	43.1	66.4	--																																																																																																																																																																																																																																																											
State land lease	AUM	11.1	12.2	13.2	14.3	15.3	--	--	--	--	--	11.1	11.1																																																																																																																																																																																																																																																											
Deeded rangeland 17/	AUM	--	--	--	289.2	353.7	266.9	235.9	238.6	227.9	148.5	225.1	278.9																																																																																																																																																																																																																																																											
Irrigated pasture 17/	AUM	--	--	--	--	73.4	78.6	79.3	79.7	75.4	68.9	--	--																																																																																																																																																																																																																																																											
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	97.6	75.3	--																																																																																																																																																																																																																																																											
Hay	Ton	58.2	61.5	72.4	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																											
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																											
Protein supplement	Ton	11.8	11.8	11.8	11.6	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																											
Marketing month:																																																																																																																																																																																																																																																																								
Steer calves	Head	--	--	--	--	--	--	--	--	--	--	149.0	--																																																																																																																																																																																																																																																											
Heifer calves	Head	--	--	--	--	--	--	--	--	--	--	99.0	--																																																																																																																																																																																																																																																											
Yearling steers	Head	--	--	--	--	--	--	--	--	--	8.0	--	--																																																																																																																																																																																																																																																											
Yearling heifers	Head	--	--	--	--	--	--	--	--	--	11.0	--	--																																																																																																																																																																																																																																																											
Cull cows	Head	--	--	--	--	--	--	--	--	--	--	34.0	--																																																																																																																																																																																																																																																											

Table 74--Beef cow enterprises with 500 or more cows, San Juan National Forest, Southwest Colorado, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																												
Production:							Cash costs--Continued																																																																																																																																																																																																																																																		
Bred cows 1/	Head	1,040	--	--	--	--	Protein supplement 5/	Ton	124.8	--	193.00	24,086	23.16																																																																																																																																																																																																																																												
Annual cow loss	Head	31	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																												
Cows culled	Head	90	--	--	--	--	Other feed	Ton	--	--	--	--	--																																																																																																																																																																																																																																												
Calves born alive	Head	926	--	--	--	--	Salt and mineral	Cwt	364.0	--	4.57	1,663	1.60																																																																																																																																																																																																																																												
Calves lost birth to weaning	Head	93	--	--	--	--	Veterinary & medicine	Dol	--	--	--	4,878	4.69																																																																																																																																																																																																																																												
Steer calves weaned	Head	416	--	--	--	--	Hired trucking	Dol	--	--	--	3,533	3.40																																																																																																																																																																																																																																												
Sold as weaners	Head	396	--	--	--	--	Marketing 6/	Dol	--	--	--	2,981	2.87																																																																																																																																																																																																																																												
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	Dol	--	--	--	9,791	9.41																																																																																																																																																																																																																																												
Sold as yearlings	Head	20	--	--	--	--	Hired labor	Hrs	7,093.0	--	4.22	29,932	28.78																																																																																																																																																																																																																																												
Heifer calves weaned	Head	417	--	--	--	--	Fuel and lubricants	Dol	--	--	--	8,789	8.45																																																																																																																																																																																																																																												
Sold as weaners	Head	266	--	--	--	--	Repairs	Dol	--	--	--	20,224	19.45																																																																																																																																																																																																																																												
Lost after weaning	Head	3	--	--	--	--	Taxes 8/	Dol	--	--	--	7,763	7.46																																																																																																																																																																																																																																												
Sold as yearlings	Head	27	--	--	--	--	Insurance	Dol	--	--	--	5,147	4.95																																																																																																																																																																																																																																												
Kept for herd replacement 2/	Head	121	--	--	--	--	Interest on operating capital 9/	Dol	80,783.0	--	0.15	12,441	11.96																																																																																																																																																																																																																																												
Bulls	Head	52	--	--	--	--	Total cash costs	Dol	--	--	--	180,331	173.40																																																																																																																																																																																																																																												
Sales:							Other costs:																																																																																																																																																																																																																																																		
Steer calves	Head	396	425	67.24	113,165	--	Family labor 10/	Hrs	4,108.0	--	4.22	17,336	16.67																																																																																																																																																																																																																																												
Heifer calves	Head	266	380	59.42	60,062	--	Capital replacement 11/	Dol	--	--	--	58,677	56.42																																																																																																																																																																																																																																												
Yearling steers	Head	20	700	63.39	8,875	--	Interest on investment other than land 13/	Dol	--	--	--	101,789	97.87																																																																																																																																																																																																																																												
Yearling heifers	Head	27	650	58.42	10,253	--	Interest on land 13/	Dol	--	--	--	421,574	405.36																																																																																																																																																																																																																																												
Cull cows	Head	90	975	35.05	30,756	--	Total other costs	Dol	--	--	--	599,376	576.32																																																																																																																																																																																																																																												
Total sales	Head	--	--	--	223,111	214.53	Total all costs	Dol	--	--	--	779,707	749.72																																																																																																																																																																																																																																												
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																		
Federal grazing fees 3/	AM	3,571.0	--	1.86	6,642	6.39	Return above cash costs:	Dol	--	--	--	42,780	41.13																																																																																																																																																																																																																																												
Private pasture lease	AUM	411.8	--	9.04	3,723	3.58	Return above cash costs: and family labor	Dol	--	--	--	25,444	24.47																																																																																																																																																																																																																																												
Other pasture lease 4/	AUM	--	--	--	--	--	Return to total investment 14/	Dol	--	--	--	-33,233	-31.96																																																																																																																																																																																																																																												
State land lease	AUM	234.1	--	1.40	328	0.32	Return to land 15/	Dol	--	--	--	-135,027	-129.83																																																																																																																																																																																																																																												
Irrigated pasture	AUM	1,207.2	--	4.48	5,408	5.20																																																																																																																																																																																																																																																			
Hay produced	Ton	713.1	--	42.80	30,521	29.35																																																																																																																																																																																																																																																			
Hay purchased	Ton	37.5	--	66.00	2,475	2.38																																																																																																																																																																																																																																																			
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td colspan="14">Feed source:</td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>9.0</td> <td>320.0</td> <td>381.0</td> <td>386.0</td> <td>386.0</td> <td>225.0</td> <td>5.0</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>236.0</td> <td>247.0</td> <td>236.0</td> <td>215.0</td> <td>217.0</td> <td>95.0</td> <td>71.0</td> <td>71.0</td> <td>33.0</td> <td>132.0</td> <td>235.0</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>121.7</td> <td>--</td> <td>--</td> <td>--</td> <td>114.1</td> <td>176.0</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>29.5</td> <td>32.3</td> <td>34.9</td> <td>37.8</td> <td>40.8</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>29.3</td> <td>29.5</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>1,031.4</td> <td>958.9</td> <td>927.6</td> <td>889.1</td> <td>888.8</td> <td>845.2</td> <td>873.8</td> <td>830.8</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>194.8</td> <td>208.3</td> <td>210.4</td> <td>211.3</td> <td>199.9</td> <td>182.5</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>226.5</td> <td>248.5</td> <td>275.6</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>31.2</td> <td>31.2</td> <td>31.2</td> <td>31.2</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td colspan="14">Marketing month:</td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>396.0</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>266.0</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>20.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>27.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>90.0</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:														National Forest 16/	AM	--	--	--	9.0	320.0	381.0	386.0	386.0	225.0	5.0	--	Bureau of Land Management 16/	AM	236.0	247.0	236.0	215.0	217.0	95.0	71.0	71.0	33.0	132.0	235.0	Pasture rent/lease 17/	AUM	--	--	--	--	121.7	--	--	--	114.1	176.0	--	State land lease	AUM	29.5	32.3	34.9	37.8	40.8	--	--	--	--	29.3	29.5	Deeded rangeland 17/	AUM	--	--	--	1,031.4	958.9	927.6	889.1	888.8	845.2	873.8	830.8	Irrigated pasture 17/	AUM	--	--	--	--	194.8	208.3	210.4	211.3	199.9	182.5	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	Hay	Ton	226.5	248.5	275.6	--	--	--	--	--	--	--	--	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	31.2	31.2	31.2	31.2	--	--	--	--	--	--	--	Marketing month:														Steer calves	Head	--	--	--	--	--	--	--	--	--	396.0	--	Heifer calves	Head	--	--	--	--	--	--	--	--	--	266.0	--	Yearling steers	Head	--	--	--	--	--	--	--	--	20.0	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	--	27.0	--	--	Cull cows	Head	--	--	--	--	--	--	--	--	--	90.0	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																													
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National Forest 16/	AM	--	--	--	9.0	320.0	381.0	386.0	386.0	225.0	5.0	--																																																																																																																																																																																																																																													
Bureau of Land Management 16/	AM	236.0	247.0	236.0	215.0	217.0	95.0	71.0	71.0	33.0	132.0	235.0																																																																																																																																																																																																																																													
Pasture rent/lease 17/	AUM	--	--	--	--	121.7	--	--	--	114.1	176.0	--																																																																																																																																																																																																																																													
State land lease	AUM	29.5	32.3	34.9	37.8	40.8	--	--	--	--	29.3	29.5																																																																																																																																																																																																																																													
Deeded rangeland 17/	AUM	--	--	--	1,031.4	958.9	927.6	889.1	888.8	845.2	873.8	830.8																																																																																																																																																																																																																																													
Irrigated pasture 17/	AUM	--	--	--	--	194.8	208.3	210.4	211.3	199.9	182.5	--																																																																																																																																																																																																																																													
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Hay	Ton	226.5	248.5	275.6	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Protein supplement	Ton	31.2	31.2	31.2	31.2	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Marketing month:																																																																																																																																																																																																																																																									
Steer calves	Head	--	--	--	--	--	--	--	--	--	396.0	--																																																																																																																																																																																																																																													
Heifer calves	Head	--	--	--	--	--	--	--	--	--	266.0	--																																																																																																																																																																																																																																													
Yearling steers	Head	--	--	--	--	--	--	--	--	20.0	--	--																																																																																																																																																																																																																																													
Yearling heifers	Head	--	--	--	--	--	--	--	--	27.0	--	--																																																																																																																																																																																																																																													
Cull cows	Head	--	--	--	--	--	--	--	--	--	90.0	--																																																																																																																																																																																																																																													

Table 76--Beef cow enterprises with 100-299 cows, Shoshone National Forest, Northwest Wyoming, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																										
Production:							Cash costs--Continued																																																																																																																																																																																																																																																
Bred cows 1/	Head	192	--	--	--	--	Protein supplement 5/	Ton	8.2	--	218.40	1,791	9.33																																																																																																																																																																																																																																										
Annual cow loss	Head	6	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																										
Cows culled	Head	16	--	--	--	--	Other feed	Ton	--	--	--	--	--																																																																																																																																																																																																																																										
Calves born alive	Head	167	--	--	--	--	Salt and mineral	Cwt	67.2	--	3.91	263	1.37																																																																																																																																																																																																																																										
Calves lost birth to weaning	Head	17	--	--	--	--	Veterinary & medicine	Dol	--	--	--	1,003	5.22																																																																																																																																																																																																																																										
Steer calves weaned	Head	75	--	--	--	--	Hired trucking	Dol	--	--	--	248	1.29																																																																																																																																																																																																																																										
Sold as weaners	Head	36	--	--	--	--	Marketing 6/	Dol	--	--	--	620	3.23																																																																																																																																																																																																																																										
Lost after weaning	Head	1	--	--	--	--	General overhead 7/	Dol	--	--	--	2,353	12.26																																																																																																																																																																																																																																										
Sold as yearlings	Head	38	--	--	--	--	Hired labor	Hrs	756.0	--	4.13	3,122	16.26																																																																																																																																																																																																																																										
Heifer calves weaned	Head	75	--	--	--	--	Fuel and lubricants	Dol	--	--	--	4,965	25.86																																																																																																																																																																																																																																										
Sold as weaners	Head	20	--	--	--	--	Repairs	Dol	--	--	--	4,871	25.37																																																																																																																																																																																																																																										
Lost after weaning	Head	2	--	--	--	--	Taxes 8/	Dol	--	--	--	1,699	8.85																																																																																																																																																																																																																																										
Sold as yearlings	Head	31	--	--	--	--	Insurance	Dol	--	--	--	1,133	5.90																																																																																																																																																																																																																																										
Kept for herd replacement 2/	Head	22	--	--	--	--	Interest on operating capital 9/	Dol	20,705.6	--	0.16	3,251	16.93																																																																																																																																																																																																																																										
Bulls	Head	9	--	--	--	--	Total cash costs	Dol	--	--	--	44,283	230.64																																																																																																																																																																																																																																										
Sales:							Other costs:																																																																																																																																																																																																																																																
Steer calves	Head	36	455	67.24	11,014	--	Family labor 10/	Hrs	2,792.0	--	4.13	11,531	60.06																																																																																																																																																																																																																																										
Heifer calves	Head	20	436	58.24	5,079	--	Capital replacement 11/	Dol	--	--	--	11,939	62.18																																																																																																																																																																																																																																										
Yearling steers	Head	38	691	65.95	17,317	--	Interest on investment other than land 13/	Dol	--	--	--	23,498	122.39																																																																																																																																																																																																																																										
Yearling heifers	Head	31	623	60.85	11,752	--	Interest on land 13/	Dol	--	--	--	71,170	370.68																																																																																																																																																																																																																																										
Cull cows	Head	16	995	35.05	5,580	--	Total other costs	Dol	--	--	--	118,138	615.30																																																																																																																																																																																																																																										
Total sales	Head	--	--	--	50,742	264.28	Total all costs	Dol	--	--	--	162,421	845.94																																																																																																																																																																																																																																										
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																
Federal grazing fees 3/	AM	533.0	--	1.86	991	5.16	Return above cash costs: and family labor	Dol	--	--	--	6,459	33.64																																																																																																																																																																																																																																										
Private pasture lease	AUM	127.3	--	8.46	1,077	5.61	Return to total investment 14/	Dol	--	--	--	-17,011	-88.60																																																																																																																																																																																																																																										
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-40,509	-210.98																																																																																																																																																																																																																																										
State land lease	AUM	70.0	--	1.44	101	0.53																																																																																																																																																																																																																																																	
Irrigated pasture	AUM	--	--	--	--	--																																																																																																																																																																																																																																																	
Hay produced	Ton	391.1	--	35.06	13,712	71.42																																																																																																																																																																																																																																																	
Hay purchased	Ton	48.3	--	63.83	3,083	16.06																																																																																																																																																																																																																																																	
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td>Feed source:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>25.0</td> <td>99.0</td> <td>108.0</td> <td>94.0</td> <td>43.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>11.0</td> <td>18.0</td> <td>27.0</td> <td>27.0</td> <td>34.0</td> <td>15.0</td> <td>7.0</td> <td>--</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>16.0</td> <td>31.3</td> <td>20.0</td> <td>19.0</td> <td>20.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>9.0</td> <td>17.0</td> <td>11.0</td> <td>11.0</td> <td>11.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>117.8</td> <td>236.6</td> <td>152.0</td> <td>145.1</td> <td>151.2</td> <td>182.9</td> <td>--</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>49.0</td> <td>49.0</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>70.0</td> <td>77.2</td> <td>82.9</td> <td>89.0</td> <td>50.3</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>70.0</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>2.0</td> <td>2.0</td> <td>2.2</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>2.0</td> </tr> <tr> <td>Marketing month:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>36</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>20</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>38</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>26</td> <td>--</td> <td>5</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>16</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:													National Forest 16/	AM	--	--	--	--	25.0	99.0	108.0	94.0	43.0	--	--	Bureau of Land Management 16/	AM	--	--	--	11.0	18.0	27.0	27.0	34.0	15.0	7.0	--	Pasture rent/lease 17/	AUM	--	--	--	--	16.0	31.3	20.0	19.0	20.0	--	--	State land lease	AUM	--	--	--	--	9.0	17.0	11.0	11.0	11.0	--	--	Deeded rangeland 17/	AUM	--	--	--	--	117.8	236.6	152.0	145.1	151.2	182.9	--	Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	49.0	49.0	Hay	Ton	70.0	77.2	82.9	89.0	50.3	--	--	--	--	--	70.0	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	2.0	2.0	2.2	--	--	--	--	--	--	--	2.0	Marketing month:													Steer calves	Head	--	--	--	--	--	--	--	--	--	36	--	Heifer calves	Head	--	--	--	--	--	--	--	--	--	20	--	Yearling steers	Head	--	--	--	--	--	--	--	38	--	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	26	--	5	--	Cull cows	Head	--	--	--	--	--	--	--	--	--	16	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																											
Feed source:																																																																																																																																																																																																																																																							
National Forest 16/	AM	--	--	--	--	25.0	99.0	108.0	94.0	43.0	--	--																																																																																																																																																																																																																																											
Bureau of Land Management 16/	AM	--	--	--	11.0	18.0	27.0	27.0	34.0	15.0	7.0	--																																																																																																																																																																																																																																											
Pasture rent/lease 17/	AUM	--	--	--	--	16.0	31.3	20.0	19.0	20.0	--	--																																																																																																																																																																																																																																											
State land lease	AUM	--	--	--	--	9.0	17.0	11.0	11.0	11.0	--	--																																																																																																																																																																																																																																											
Deeded rangeland 17/	AUM	--	--	--	--	117.8	236.6	152.0	145.1	151.2	182.9	--																																																																																																																																																																																																																																											
Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	49.0	49.0																																																																																																																																																																																																																																											
Hay	Ton	70.0	77.2	82.9	89.0	50.3	--	--	--	--	--	70.0																																																																																																																																																																																																																																											
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Protein supplement	Ton	2.0	2.0	2.2	--	--	--	--	--	--	--	2.0																																																																																																																																																																																																																																											
Marketing month:																																																																																																																																																																																																																																																							
Steer calves	Head	--	--	--	--	--	--	--	--	--	36	--																																																																																																																																																																																																																																											
Heifer calves	Head	--	--	--	--	--	--	--	--	--	20	--																																																																																																																																																																																																																																											
Yearling steers	Head	--	--	--	--	--	--	--	38	--	--	--																																																																																																																																																																																																																																											
Yearling heifers	Head	--	--	--	--	--	--	--	26	--	5	--																																																																																																																																																																																																																																											
Cull cows	Head	--	--	--	--	--	--	--	--	--	16	--																																																																																																																																																																																																																																											

Table 77—Beef cow enterprises with 300-699 cows, Shoshone National Forest, Northwest Wyoming, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																										
Production:							Cash costs--Continued																																																																																																																																																																																																																																																
Bred cows 1/	Head	464	--	--	--	--	Protein supplement 5/	Ton	19.7	--	218.40	4,302	9.27																																																																																																																																																																																																																																										
Annual cow loss	Head	13	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																										
Cows culled	Head	40	--	--	--	--	Other feed	Ton	--	--	--	--	--																																																																																																																																																																																																																																										
Calves born alive	Head	404	--	--	--	--	Salt and mineral	Cwt	162.4	--	3.91	635	1.37																																																																																																																																																																																																																																										
Calves lost birth to weaning	Head	40	--	--	--	--	Veterinary & medicine	Dol	--	--	--	3,374	7.27																																																																																																																																																																																																																																										
Steer calves weaned	Head	182	--	--	--	--	Hired trucking	Dol	--	--	--	1,937	4.17																																																																																																																																																																																																																																										
Sold as weaners	Head	87	--	--	--	--	Marketing 6/	Dol	--	--	--	1,125	2.42																																																																																																																																																																																																																																										
Lost after weaning	Head	2	--	--	--	--	General overhead 7/	Dol	--	--	--	--	--																																																																																																																																																																																																																																										
Sold as yearlings	Head	93	--	--	--	--	Hired labor	Hrs	2,134.0	--	4.13	8,813	18.99																																																																																																																																																																																																																																										
Heifer calves weaned	Head	182	--	--	--	--	Fuel and lubricants	Dol	--	--	--	6,257	13.48																																																																																																																																																																																																																																										
Sold as weaners	Head	67	--	--	--	--	Repairs	Dol	--	--	--	9,623	20.74																																																																																																																																																																																																																																										
Lost after weaning	Head	2	--	--	--	--	Taxes 8/	Dol	--	--	--	3,409	7.35																																																																																																																																																																																																																																										
Sold as yearlings	Head	60	--	--	--	--	Insurance	Dol	--	--	--	2,599	5.60																																																																																																																																																																																																																																										
Kept for herd replacement 2/	Head	53	--	--	--	--	Interest on operating capital 9/	Dol	44,063.4	--	0.16	6,918	14.91																																																																																																																																																																																																																																										
Bulls	Head	21	--	--	--	--	Total cash costs	Dol	--	--	--	88,750	191.27																																																																																																																																																																																																																																										
Sales:							Other costs:																																																																																																																																																																																																																																																
Steer calves	Head	87	455	67.24	26,617	--	Family labor 10/	Hrs	5,104.0	--	4.13	21,080	45.43																																																																																																																																																																																																																																										
Heifer calves	Head	67	436	58.24	17,013	--	Capital replacement 11/	Dol	--	--	--	31,272	67.40																																																																																																																																																																																																																																										
Yearling steers	Head	93	691	65.95	42,381	--	Interest on investment other than land 13/	Dol	--	--	--	52,009	112.09																																																																																																																																																																																																																																										
Yearling heifers	Head	60	623	60.85	22,746	--	Interest on land 13/	Dol	--	--	--	149,582	322.38																																																																																																																																																																																																																																										
Cull cows	Head	40	995	35.05	13,950	--	Total other costs	Dol	--	--	--	253,943	547.29																																																																																																																																																																																																																																										
Total sales	Head	--	--	--	122,707	264.45	Total all costs	Dol	--	--	--	342,693	738.56																																																																																																																																																																																																																																										
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																
Federal grazing fees 3/	AM	1,386.0	--	1.86	2,578	5.56	Return above cash costs and family labor	Dol	--	--	--	33,957	73.18																																																																																																																																																																																																																																										
Private pasture lease	AUM	467.0	--	8.46	3,951	8.52	Return to total investment 14/	Dol	--	--	--	-18,395	-39.64																																																																																																																																																																																																																																										
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-70,404	-151.73																																																																																																																																																																																																																																										
State land lease	AUM	187.0	--	1.44	269	0.58																																																																																																																																																																																																																																																	
Irrigated pasture	AUM	--	--	--	--	--																																																																																																																																																																																																																																																	
Hay produced	Ton	770.6	--	35.06	27,017	58.23																																																																																																																																																																																																																																																	
Hay purchased	Ton	93.1	--	63.83	5,943	12.81																																																																																																																																																																																																																																																	
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td>Feed source:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>47.0</td> <td>218.0</td> <td>252.0</td> <td>238.0</td> <td>72.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>17.0</td> <td>17.0</td> <td>17.0</td> <td>17.0</td> <td>64.0</td> <td>89.0</td> <td>94.0</td> <td>70.0</td> <td>75.0</td> <td>32.0</td> <td>17.0</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>34.0</td> <td>85.0</td> <td>99.0</td> <td>63.0</td> <td>63.0</td> <td>59.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>13.0</td> <td>34.0</td> <td>40.0</td> <td>25.0</td> <td>26.0</td> <td>24.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>176.7</td> <td>535.1</td> <td>520.2</td> <td>334.8</td> <td>331.7</td> <td>336.1</td> <td>342.1</td> <td>--</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>200.0</td> <td>200.0</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>162.4</td> <td>179.0</td> <td>192.6</td> <td>149.6</td> <td>17.7</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>162.4</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>4.9</td> <td>4.9</td> <td>5.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>4.9</td> </tr> <tr> <td>Marketing month:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>87</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>67</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>93</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>48</td> <td>--</td> <td>12</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>40</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:													National Forest 16/	AM	--	--	--	--	47.0	218.0	252.0	238.0	72.0	--	--	Bureau of Land Management 16/	AM	17.0	17.0	17.0	17.0	64.0	89.0	94.0	70.0	75.0	32.0	17.0	Pasture rent/lease 17/	AUM	--	--	--	34.0	85.0	99.0	63.0	63.0	59.0	--	--	State land lease	AUM	--	--	--	13.0	34.0	40.0	25.0	26.0	24.0	--	--	Deeded rangeland 17/	AUM	--	--	--	176.7	535.1	520.2	334.8	331.7	336.1	342.1	--	Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	200.0	200.0	Hay	Ton	162.4	179.0	192.6	149.6	17.7	--	--	--	--	--	162.4	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	4.9	4.9	5.0	--	--	--	--	--	--	--	4.9	Marketing month:													Steer calves	Head	--	--	--	--	--	--	--	--	--	87	--	Heifer calves	Head	--	--	--	--	--	--	--	--	--	67	--	Yearling steers	Head	--	--	--	--	--	--	--	93	--	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	48	--	12	--	Cull cows	Head	--	--	--	--	--	--	--	--	--	40	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																											
Feed source:																																																																																																																																																																																																																																																							
National Forest 16/	AM	--	--	--	--	47.0	218.0	252.0	238.0	72.0	--	--																																																																																																																																																																																																																																											
Bureau of Land Management 16/	AM	17.0	17.0	17.0	17.0	64.0	89.0	94.0	70.0	75.0	32.0	17.0																																																																																																																																																																																																																																											
Pasture rent/lease 17/	AUM	--	--	--	34.0	85.0	99.0	63.0	63.0	59.0	--	--																																																																																																																																																																																																																																											
State land lease	AUM	--	--	--	13.0	34.0	40.0	25.0	26.0	24.0	--	--																																																																																																																																																																																																																																											
Deeded rangeland 17/	AUM	--	--	--	176.7	535.1	520.2	334.8	331.7	336.1	342.1	--																																																																																																																																																																																																																																											
Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	200.0	200.0																																																																																																																																																																																																																																											
Hay	Ton	162.4	179.0	192.6	149.6	17.7	--	--	--	--	--	162.4																																																																																																																																																																																																																																											
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Protein supplement	Ton	4.9	4.9	5.0	--	--	--	--	--	--	--	4.9																																																																																																																																																																																																																																											
Marketing month:																																																																																																																																																																																																																																																							
Steer calves	Head	--	--	--	--	--	--	--	--	--	87	--																																																																																																																																																																																																																																											
Heifer calves	Head	--	--	--	--	--	--	--	--	--	67	--																																																																																																																																																																																																																																											
Yearling steers	Head	--	--	--	--	--	--	--	93	--	--	--																																																																																																																																																																																																																																											
Yearling heifers	Head	--	--	--	--	--	--	--	48	--	12	--																																																																																																																																																																																																																																											
Cull cows	Head	--	--	--	--	--	--	--	--	--	40	--																																																																																																																																																																																																																																											

Table 78--Beef cow enterprises with 700 or more cows, Shoshone National Forest, Northwestern Wyoming, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																												
Production:							Cash costs--Continued																																																																																																																																																																																																																																																		
Bred cows 1/	Head	1,072	--	--	--	--	Protein supplement 5/	Ton	45.6	--	218.40	9,959	9.29																																																																																																																																																																																																																																												
Annual cow loss	Head	25	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																												
Cows culled	Head	123	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--																																																																																																																																																																																																																																												
Calves born alive	Head	933	--	--	--	--	Salt and mineral	Cwt	375.0	--	3.91	1,466	1.37																																																																																																																																																																																																																																												
Calves lost birth to weaning	Head	93	--	--	--	--	Veterinary & medicine	Dol	--	--	--	6,732	6.28																																																																																																																																																																																																																																												
Steer calves weaned	Head	420	--	--	--	--	Hired trucking	Dol	--	--	--	3,664	3.42																																																																																																																																																																																																																																												
Sold as weaners	Head	202	--	--	--	--	Marketing 6/	Dol	--	--	--	3,172	2.96																																																																																																																																																																																																																																												
Lost after weaning	Head	4	--	--	--	--	General overhead 7/	Dol	--	--	--	8,326	7.77																																																																																																																																																																																																																																												
Sold as yearlings	Head	214	--	--	--	--	Hired labor	Hrs	7,311.0	--	4.13	30,194	28.17																																																																																																																																																																																																																																												
Heifer calves weaned	Head	420	--	--	--	--	Fuel and lubricants	Dol	--	--	--	11,505	10.73																																																																																																																																																																																																																																												
Sold as weaners	Head	156	--	--	--	--	Repairs	Dol	--	--	--	16,346	15.25																																																																																																																																																																																																																																												
Lost after weaning	Head	2	--	--	--	--	Taxes 8/	Dol	--	--	--	6,320	5.90																																																																																																																																																																																																																																												
Sold as yearlings	Head	114	--	--	--	--	Insurance	Dol	--	--	--	5,729	5.34																																																																																																																																																																																																																																												
Kept for herd replacement 2/	Head	148	--	--	--	--	Interest on operating capital 9/	Dol	85,922.4	--	0.16	13,490	12.58																																																																																																																																																																																																																																												
Bulls	Head	49	--	--	--	--	Total cash costs	Dol	--	--	--	200,708	187.23																																																																																																																																																																																																																																												
Sales:							Other costs:																																																																																																																																																																																																																																																		
Steer calves	Head	202	455	67.24	61,800	--	Family labor 10/	Hrs	4,234.0	--	4.13	17,486	16.31																																																																																																																																																																																																																																												
Heifer calves	Head	156	436	58.24	39,613	--	Capital replacement 11/	Dol	--	--	--	58,543	54.61																																																																																																																																																																																																																																												
Yearling steers	Head	214	691	65.95	97,523	--	Interest on investment other than land 13/	Dol	--	--	--	110,272	102.87																																																																																																																																																																																																																																												
Yearling heifers	Head	114	623	60.85	43,217	--	Interest on land 13/	Dol	--	--	--	289,007	269.60																																																																																																																																																																																																																																												
Cull cows	Head	123	995	35.05	42,896	--	Total other costs	Dol	--	--	--	475,308	443.38																																																																																																																																																																																																																																												
Total sales	Head	--	--	--	285,049	265.90	Total all costs	Dol	--	--	--	676,016	630.61																																																																																																																																																																																																																																												
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																		
Federal grazing fees 3/	AM	3,477.0	--	1.86	6,467	6.03	Return above cash costs and family labor	Dol	--	--	--	84,341	78.68																																																																																																																																																																																																																																												
Private pasture lease	AUM	1,338.0	--	8.46	11,319	10.56	Return to total investment 14/	Dol	--	--	--	8,312	7.75																																																																																																																																																																																																																																												
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-101,960	-95.11																																																																																																																																																																																																																																												
State land lease	AUM	494.0	--	1.44	711	0.66																																																																																																																																																																																																																																																			
Irrigated pasture	AUM	--	--	--	--	--																																																																																																																																																																																																																																																			
Hay produced	Ton	1,436.9	--	35.06	50,378	46.99																																																																																																																																																																																																																																																			
Hay purchased	Ton	233.9	--	63.83	14,930	13.93																																																																																																																																																																																																																																																			
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td colspan="14">Feed source:</td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>133.0</td> <td>561.0</td> <td>594.0</td> <td>473.0</td> <td>150.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>31.0</td> <td>15.0</td> <td>--</td> <td>75.0</td> <td>224.0</td> <td>265.0</td> <td>243.0</td> <td>243.0</td> <td>176.0</td> <td>20.0</td> <td>31.0</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>137.0</td> <td>282.0</td> <td>115.0</td> <td>153.0</td> <td>149.0</td> <td>163.0</td> <td>161.0</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>46.0</td> <td>94.0</td> <td>86.0</td> <td>51.0</td> <td>50.0</td> <td>54.0</td> <td>54.0</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>135.0</td> <td>148.0</td> <td>159.0</td> <td>578.2</td> <td>1,189.9</td> <td>1,231.5</td> <td>647.9</td> <td>629.6</td> <td>754.4</td> <td>691.0</td> <td>135.0</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>400.0</td> <td>400.0</td> <td>164.0</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>337.2</td> <td>376.9</td> <td>410.8</td> <td>257.9</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>288.0</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>11.4</td> <td>11.4</td> <td>11.4</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>11.4</td> </tr> <tr> <td colspan="14">Marketing month:</td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>202.0</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>156.0</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>214.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>114.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>27.0</td> <td>96.0</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:														National Forest 16/	AM	--	--	--	--	133.0	561.0	594.0	473.0	150.0	--	--	Bureau of Land Management 16/	AM	31.0	15.0	--	75.0	224.0	265.0	243.0	243.0	176.0	20.0	31.0	Pasture rent/lease 17/	AUM	--	--	--	137.0	282.0	115.0	153.0	149.0	163.0	161.0	--	State land lease	AUM	--	--	--	46.0	94.0	86.0	51.0	50.0	54.0	54.0	--	Deeded rangeland 17/	AUM	135.0	148.0	159.0	578.2	1,189.9	1,231.5	647.9	629.6	754.4	691.0	135.0	Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	400.0	400.0	164.0	Hay	Ton	337.2	376.9	410.8	257.9	--	--	--	--	--	--	288.0	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	11.4	11.4	11.4	--	--	--	--	--	--	--	11.4	Marketing month:														Steer calves	Head	--	--	--	--	--	--	--	--	--	202.0	--	Heifer calves	Head	--	--	--	--	--	--	--	--	--	156.0	--	Yearling steers	Head	--	--	--	--	--	--	--	214.0	--	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	114.0	--	--	--	Cull cows	Head	--	--	--	--	--	--	--	--	27.0	96.0	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																													
Feed source:																																																																																																																																																																																																																																																									
National Forest 16/	AM	--	--	--	--	133.0	561.0	594.0	473.0	150.0	--	--																																																																																																																																																																																																																																													
Bureau of Land Management 16/	AM	31.0	15.0	--	75.0	224.0	265.0	243.0	243.0	176.0	20.0	31.0																																																																																																																																																																																																																																													
Pasture rent/lease 17/	AUM	--	--	--	137.0	282.0	115.0	153.0	149.0	163.0	161.0	--																																																																																																																																																																																																																																													
State land lease	AUM	--	--	--	46.0	94.0	86.0	51.0	50.0	54.0	54.0	--																																																																																																																																																																																																																																													
Deeded rangeland 17/	AUM	135.0	148.0	159.0	578.2	1,189.9	1,231.5	647.9	629.6	754.4	691.0	135.0																																																																																																																																																																																																																																													
Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	400.0	400.0	164.0																																																																																																																																																																																																																																													
Hay	Ton	337.2	376.9	410.8	257.9	--	--	--	--	--	--	288.0																																																																																																																																																																																																																																													
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Protein supplement	Ton	11.4	11.4	11.4	--	--	--	--	--	--	--	11.4																																																																																																																																																																																																																																													
Marketing month:																																																																																																																																																																																																																																																									
Steer calves	Head	--	--	--	--	--	--	--	--	--	202.0	--																																																																																																																																																																																																																																													
Heifer calves	Head	--	--	--	--	--	--	--	--	--	156.0	--																																																																																																																																																																																																																																													
Yearling steers	Head	--	--	--	--	--	--	--	214.0	--	--	--																																																																																																																																																																																																																																													
Yearling heifers	Head	--	--	--	--	--	--	--	114.0	--	--	--																																																																																																																																																																																																																																													
Cull cows	Head	--	--	--	--	--	--	--	--	27.0	96.0	--																																																																																																																																																																																																																																													

Table 79--Beef cow enterprises with up to 99 cows, White River National Forest, Central Colorado, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per COW	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per COW																																																																																																																																																																																																																																										
Production:							Cash costs--Continued																																																																																																																																																																																																																																																
Bred cows 1/	Head	56	--	--	--	--	Protein supplement 5/	Ton	--	--	--	--	--																																																																																																																																																																																																																																										
Annual cow loss	Head	1	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																										
Cows culled	Head	7	--	--	--	--	Other feed	Ton	--	--	--	--	--																																																																																																																																																																																																																																										
Calves born alive	Head	52	--	--	--	--	Salt and mineral	Cwt	20.0	--	4.57	91	1.63																																																																																																																																																																																																																																										
Calves lost birth to weaning	Head	4	--	--	--	--	Veterinary & medicine	Dol	--	--	--	292	5.21																																																																																																																																																																																																																																										
Steer calves weaned	Head	24	--	--	--	--	Hired trucking	Dol	--	--	--	73	1.30																																																																																																																																																																																																																																										
Sold as weaners	Head	12	--	--	--	--	Marketing 6/	Dol	--	--	--	181	3.23																																																																																																																																																																																																																																										
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	Dol	--	--	--	643	11.48																																																																																																																																																																																																																																										
Sold as yearlings	Head	12	--	--	--	--	Hired labor	Hrs	112.0	--	4.22	473	8.45																																																																																																																																																																																																																																										
Heifer calves weaned	Head	24	--	--	--	--	Fuel and lubricants	Dol	--	--	--	1,563	27.91																																																																																																																																																																																																																																										
Sold as weaners	Head	6	--	--	--	--	Repairs	Dol	--	--	--	1,283	22.91																																																																																																																																																																																																																																										
Lost after weaning	Head	--	--	--	--	--	Taxes 8/	Dol	--	--	--	510	9.11																																																																																																																																																																																																																																										
Sold as yearlings	Head	10	--	--	--	--	Insurance	Dol	--	--	--	346	6.18																																																																																																																																																																																																																																										
Kept for herd replacement 2/	Head	8	--	--	--	--	Interest on operating capital 9/	Dol	6,791.4	--	0.15	1,046	18.68																																																																																																																																																																																																																																										
Bulls	Head	4	--	--	--	--	Total cash costs	Dol	--	--	--	13,336	238.14																																																																																																																																																																																																																																										
Sales:							Other costs:																																																																																																																																																																																																																																																
Steer calves	Head	12	430	67.24	3,470	--	Family labor 10/	Hrs	840.0	--	4.22	3,545	63.30																																																																																																																																																																																																																																										
Heifer calves	Head	6	400	58.24	1,398	--	Capital replacement 11/	Dol	--	--	--	3,118	55.68																																																																																																																																																																																																																																										
Yearling steers	Head	12	750	63.39	5,705	--	Interest on investment other than land 13/	Dol	--	--	--	6,641	118.59																																																																																																																																																																																																																																										
Yearling heifers	Head	10	675	58.42	3,943	--	Interest on land 13/	Dol	--	--	--	23,619	421.77																																																																																																																																																																																																																																										
Cull cows	Head	7	975	35.05	2,392	--	Total other costs	Dol	--	--	--	36,923	659.34																																																																																																																																																																																																																																										
Total sales	Head	--	--	--	16,908	301.93	Total all costs	Dol	--	--	--	50,259	897.48																																																																																																																																																																																																																																										
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																
Federal grazing fees 3/	AM	210.0	--	1.86	391	6.98	Return above cash costs and family labor	Dol	--	--	--	3,572	63.79																																																																																																																																																																																																																																										
Private pasture lease	AUM	59.3	--	9.04	536	9.57	Return to total investment 14/	Dol	--	--	--	-3,091	-55.20																																																																																																																																																																																																																																										
Other pasture lease 4/	AUM	--	--	--	--	0.39	Return to land 15/	Dol	--	--	--	-9,732	-173.79																																																																																																																																																																																																																																										
State land lease	AUM	11.9	--	1.85	22	--																																																																																																																																																																																																																																																	
Irrigated pasture	AUM	--	--	--	--	--																																																																																																																																																																																																																																																	
Hay produced	Ton	90.8	--	42.80	3,886	69.39																																																																																																																																																																																																																																																	
Hay purchased	Ton	30.3	--	66.00	2,000	35.71																																																																																																																																																																																																																																																	
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td>Feed source:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>13.0</td> <td>40.0</td> <td>40.0</td> <td>39.0</td> <td>15.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>18.0</td> <td>17.0</td> <td>8.0</td> <td>9.0</td> <td>8.0</td> <td>3.0</td> <td>--</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>5.4</td> <td>10.0</td> <td>6.7</td> <td>6.6</td> <td>6.8</td> <td>9.5</td> <td>4.4</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>1.1</td> <td>2.0</td> <td>1.3</td> <td>1.4</td> <td>2.0</td> <td>1.9</td> <td>11.9</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>4.9</td> <td>12.9</td> <td>29.3</td> <td>54.9</td> <td>36.6</td> <td>36.3</td> <td>37.6</td> <td>54.1</td> <td>51.8</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>4.3</td> <td>9.8</td> <td>4.9</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>22.5</td> <td>24.6</td> <td>24.7</td> <td>24.7</td> <td>12.3</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>12.3</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Marketing month:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>12</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>6</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>12</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>8</td> <td>2</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>7</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:													National Forest 16/	AM	--	--	--	--	13.0	40.0	40.0	39.0	15.0	--	--	Bureau of Land Management 16/	AM	--	--	--	--	18.0	17.0	8.0	9.0	8.0	3.0	--	Pasture rent/lease 17/	AUM	--	--	--	--	5.4	10.0	6.7	6.6	6.8	9.5	4.4	State land lease	AUM	--	--	--	--	1.1	2.0	1.3	1.4	2.0	1.9	11.9	Deeded rangeland 17/	AUM	--	--	4.9	12.9	29.3	54.9	36.6	36.3	37.6	54.1	51.8	Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	4.3	9.8	4.9	Hay	Ton	22.5	24.6	24.7	24.7	12.3	--	--	--	--	--	12.3	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--	Marketing month:													Steer calves	Head	--	--	--	--	--	--	--	--	--	12	--	Heifer calves	Head	--	--	--	--	--	--	--	--	--	6	--	Yearling steers	Head	--	--	--	--	--	--	--	--	12	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	--	8	2	--	Cull cows	Head	--	--	--	--	--	--	--	--	--	7	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																											
Feed source:																																																																																																																																																																																																																																																							
National Forest 16/	AM	--	--	--	--	13.0	40.0	40.0	39.0	15.0	--	--																																																																																																																																																																																																																																											
Bureau of Land Management 16/	AM	--	--	--	--	18.0	17.0	8.0	9.0	8.0	3.0	--																																																																																																																																																																																																																																											
Pasture rent/lease 17/	AUM	--	--	--	--	5.4	10.0	6.7	6.6	6.8	9.5	4.4																																																																																																																																																																																																																																											
State land lease	AUM	--	--	--	--	1.1	2.0	1.3	1.4	2.0	1.9	11.9																																																																																																																																																																																																																																											
Deeded rangeland 17/	AUM	--	--	4.9	12.9	29.3	54.9	36.6	36.3	37.6	54.1	51.8																																																																																																																																																																																																																																											
Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	4.3	9.8	4.9																																																																																																																																																																																																																																											
Hay	Ton	22.5	24.6	24.7	24.7	12.3	--	--	--	--	--	12.3																																																																																																																																																																																																																																											
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Marketing month:																																																																																																																																																																																																																																																							
Steer calves	Head	--	--	--	--	--	--	--	--	--	12	--																																																																																																																																																																																																																																											
Heifer calves	Head	--	--	--	--	--	--	--	--	--	6	--																																																																																																																																																																																																																																											
Yearling steers	Head	--	--	--	--	--	--	--	--	12	--	--																																																																																																																																																																																																																																											
Yearling heifers	Head	--	--	--	--	--	--	--	--	8	2	--																																																																																																																																																																																																																																											
Cull cows	Head	--	--	--	--	--	--	--	--	--	7	--																																																																																																																																																																																																																																											

Table 80--Beef cow enterprises with 100-399 cows, White River National Forest, Central Colorado, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																																										
Production:							Cash costs--Continued																																																																																																																																																																																																																																																																
Bred cows 1/	Head	205	--	--	--	--	Protein supplement 5/	Ton	--	--	--	--	--																																																																																																																																																																																																																																																										
Annual cow loss	Head	4	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																																										
Cows culled	Head	25	--	--	--	--	Other feed	Ton	--	--	--	--	--																																																																																																																																																																																																																																																										
Calves born alive	Head	191	--	--	--	--	Salt and mineral	Cwt	74.0	--	4.57	338	1.65																																																																																																																																																																																																																																																										
Calves lost birth- to weaning	Head	15	--	--	--	--	Veterinary & medicine	Dol	--	--	--	1,490	7.26																																																																																																																																																																																																																																																										
Steer calves weaned	Head	88	--	--	--	--	Hired trucking	Dol	--	--	--	855	4.17																																																																																																																																																																																																																																																										
Sold as weaners	Head	44	--	--	--	--	Marketing 6/	Dol	--	--	--	497	2.42																																																																																																																																																																																																																																																										
Lost after weaning	Head	1	--	--	--	--	General overhead 7/	Dol	--	--	--	1,896	9.25																																																																																																																																																																																																																																																										
Sold as yearlings	Head	43	--	--	--	--	Hired labor	Hrs	112.0	--	4.22	473	2.31																																																																																																																																																																																																																																																										
Heifer calves weaned	Head	88	--	--	--	--	Fuel and lubricants	Dol	--	--	--	4,426	21.59																																																																																																																																																																																																																																																										
Sold as weaners	Head	22	--	--	--	--	Repairs	Dol	--	--	--	4,156	20.27																																																																																																																																																																																																																																																										
Lost after weaning	Head	1	--	--	--	--	Taxes 8/	Dol	--	--	--	1,743	8.50																																																																																																																																																																																																																																																										
Sold as yearlings	Head	36	--	--	--	--	Insurance	Dol	--	--	--	1,209	5.90																																																																																																																																																																																																																																																										
Kept for herd replacement 2/	Head	29	--	--	--	--	Interest on operating: capital 9/	Dol	24,904.2	--	0.15	3,835	18.71																																																																																																																																																																																																																																																										
Bulls	Head	14	--	--	--	--	Total cash costs	Dol	--	--	--	45,973	224.26																																																																																																																																																																																																																																																										
Sales:							Other costs:																																																																																																																																																																																																																																																																
Steer calves	Head	44	430	67.24	12,722	--	Family labor 10/	Hrs	2,981.0	--	4.22	12,580	61.37																																																																																																																																																																																																																																																										
Heifer calves	Head	22	400	58.24	5,125	--	Capital replace- ment 11/	Dol	--	--	--	11,278	55.01																																																																																																																																																																																																																																																										
Yearling steers	Head	43	750	63.39	20,443	--	Interest on Invest- ment other than land 13/	Dol	--	--	--	23,773	115.97																																																																																																																																																																																																																																																										
Yearling heifers	Head	36	675	58.42	14,196	--	Interest on land 13/	Dol	--	--	--	77,179	376.48																																																																																																																																																																																																																																																										
Cull cows	Head	25	975	35.05	8,543	--	Total other costs	Dol	--	--	--	124,810	608.83																																																																																																																																																																																																																																																										
Total sales	Head	--	--	--	61,029	297.70	Total all costs	Dol	--	--	--	170,783	833.09																																																																																																																																																																																																																																																										
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																																
Federal grazing fees 3/	AM	827.5	--	1.86	1,539	7.51	Return above cash costs: and family labor	Dol	--	--	--	15,056	73.44																																																																																																																																																																																																																																																										
Private pasture lease	AUM	214.1	--	9.04	1,935	9.44	Return to total investment 14/ Return to land 15/	Dol	--	--	--	2,476	12.08																																																																																																																																																																																																																																																										
Other pasture lease 4/	AUM	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																										
State land lease	AUM	43.0	--	1.85	80	0.39	--	--	--	--	--	--	--																																																																																																																																																																																																																																																										
Irrigated pasture	AUM	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																										
Hay produced	Ton	331.8	--	42.80	14,201	69.27	--	--	--	--	--	-8,802	-42.94																																																																																																																																																																																																																																																										
Hay purchased	Ton	110.6	--	66.00	7,300	35.61	--	--	--	--	--	-32,575	-158.90																																																																																																																																																																																																																																																										
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td>Feed source:</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>2.0</td> <td>5.0</td> <td>63.0</td> <td>152.0</td> <td>152.0</td> <td>147.0</td> <td>48.0</td> <td>5.0</td> <td>2.0</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>0.5</td> <td>4.0</td> <td>38.0</td> <td>60.0</td> <td>44.0</td> <td>43.0</td> <td>41.0</td> <td>19.0</td> <td>2.0</td> <td>--</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>2.0</td> <td>5.6</td> <td>24.5</td> <td>33.8</td> <td>20.0</td> <td>21.0</td> <td>22.0</td> <td>36.2</td> <td>33.6</td> <td>15.4</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>0.5</td> <td>1.1</td> <td>4.9</td> <td>6.8</td> <td>4.0</td> <td>4.3</td> <td>4.4</td> <td>7.2</td> <td>6.7</td> <td>3.1</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>15.3</td> <td>30.7</td> <td>133.7</td> <td>184.8</td> <td>109.8</td> <td>115.1</td> <td>120.3</td> <td>197.7</td> <td>183.7</td> <td>84.3</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>18.0</td> <td>35.9</td> <td>18.0</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>82.1</td> <td>89.9</td> <td>90.1</td> <td>90.1</td> <td>45.1</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>45.1</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Marketing month:</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>44</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>22</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>43</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>29</td> <td>7</td> <td>--</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>25</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:													National Forest 16/	AM	--	--	--	2.0	5.0	63.0	152.0	152.0	147.0	48.0	5.0	2.0	Bureau of Land Management 16/	AM	--	--	0.5	4.0	38.0	60.0	44.0	43.0	41.0	19.0	2.0	--	Pasture rent/lease 17/	AUM	--	--	2.0	5.6	24.5	33.8	20.0	21.0	22.0	36.2	33.6	15.4	State land lease	AUM	--	--	0.5	1.1	4.9	6.8	4.0	4.3	4.4	7.2	6.7	3.1	Deeded rangeland 17/	AUM	--	--	15.3	30.7	133.7	184.8	109.8	115.1	120.3	197.7	183.7	84.3	Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	18.0	35.9	18.0	Hay	Ton	82.1	89.9	90.1	90.1	45.1	--	--	--	--	--	--	45.1	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--	--	Marketing month:														Steer calves	Head	--	--	--	--	--	--	--	--	--	--	44	--	Heifer calves	Head	--	--	--	--	--	--	--	--	--	--	22	--	Yearling steers	Head	--	--	--	--	--	--	--	--	43	--	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	--	29	7	--	--	Cull cows	Head	--	--	--	--	--	--	--	--	--	--	25	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																																											
Feed source:																																																																																																																																																																																																																																																																							
National Forest 16/	AM	--	--	--	2.0	5.0	63.0	152.0	152.0	147.0	48.0	5.0	2.0																																																																																																																																																																																																																																																										
Bureau of Land Management 16/	AM	--	--	0.5	4.0	38.0	60.0	44.0	43.0	41.0	19.0	2.0	--																																																																																																																																																																																																																																																										
Pasture rent/lease 17/	AUM	--	--	2.0	5.6	24.5	33.8	20.0	21.0	22.0	36.2	33.6	15.4																																																																																																																																																																																																																																																										
State land lease	AUM	--	--	0.5	1.1	4.9	6.8	4.0	4.3	4.4	7.2	6.7	3.1																																																																																																																																																																																																																																																										
Deeded rangeland 17/	AUM	--	--	15.3	30.7	133.7	184.8	109.8	115.1	120.3	197.7	183.7	84.3																																																																																																																																																																																																																																																										
Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																										
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	18.0	35.9	18.0																																																																																																																																																																																																																																																										
Hay	Ton	82.1	89.9	90.1	90.1	45.1	--	--	--	--	--	--	45.1																																																																																																																																																																																																																																																										
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																										
Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																										
Marketing month:																																																																																																																																																																																																																																																																							
Steer calves	Head	--	--	--	--	--	--	--	--	--	--	44	--																																																																																																																																																																																																																																																										
Heifer calves	Head	--	--	--	--	--	--	--	--	--	--	22	--																																																																																																																																																																																																																																																										
Yearling steers	Head	--	--	--	--	--	--	--	--	43	--	--	--																																																																																																																																																																																																																																																										
Yearling heifers	Head	--	--	--	--	--	--	--	--	29	7	--	--																																																																																																																																																																																																																																																										
Cull cows	Head	--	--	--	--	--	--	--	--	--	--	25	--																																																																																																																																																																																																																																																										

Table 81--Beef cow enterprises with 400-699 cows, White River National Forest, Central Colorado, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																												
Production:							Cash costs--Continued																																																																																																																																																																																																																																																		
Bred cows 1/	Head	493	--	--	--	--	Protein supplement 5/	Ton	--	--	--	--	--																																																																																																																																																																																																																																												
Annual cow loss	Head	10	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																												
Cows culled	Head	59	--	--	--	--	Other feed	Ton	--	--	--	--	--																																																																																																																																																																																																																																												
Calves born alive	Head	458	--	--	--	--	Salt and mineral	Cwt	177.0	--	4.57	809	1.64																																																																																																																																																																																																																																												
Calves lost birth to weaning	Head	37	--	--	--	--	Veterinary & medicine	Dol	--	--	--	3,096	6.28																																																																																																																																																																																																																																												
Steer calves weaned	Head	208	--	--	--	--	Hired trucking	Dol	--	--	--	1,678	3.40																																																																																																																																																																																																																																												
Sold as weaners	Head	105	--	--	--	--	Marketing 6/	Dol	--	--	--	1,460	2.96																																																																																																																																																																																																																																												
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	Dol	--	--	--	4,152	8.42																																																																																																																																																																																																																																												
Sold as yearlings	Head	103	--	--	--	--	Hired labor	Hrs	3,362.0	--	4.22	14,188	28.78																																																																																																																																																																																																																																												
Heifer calves weaned	Head	208	--	--	--	--	Fuel and lubricants	Dol	--	--	--	8,115	16.46																																																																																																																																																																																																																																												
Sold as weaners	Head	53	--	--	--	--	Repairs	Dol	--	--	--	9,552	19.38																																																																																																																																																																																																																																												
Lost after weaning	Head	1	--	--	--	--	Taxes 8/	Dol	--	--	--	3,878	7.87																																																																																																																																																																																																																																												
Sold as yearlings	Head	85	--	--	--	--	Insurance	Dol	--	--	--	2,939	5.96																																																																																																																																																																																																																																												
Kept for herd replacement 2/	Head	69	--	--	--	--	Interest on operating capital 9/	Dol	54,187.2	--	0.15	8,345	16.93																																																																																																																																																																																																																																												
Bulls	Head	33	--	--	--	--	Total cash costs	Dol	--	--	--	118,315	239.99																																																																																																																																																																																																																																												
Sales:							Other costs:																																																																																																																																																																																																																																																		
Steer calves	Head	105	430	67.24	30,359	--	Family labor 10/	Hrs	1,947.0	--	4.22	8,216	16.67																																																																																																																																																																																																																																												
Heifer calves	Head	53	400	58.24	12,347	--	Capital replacement 11/	Dol	--	--	--	32,721	66.37																																																																																																																																																																																																																																												
Yearling steers	Head	103	750	63.39	48,969	--	Interest on investment other than land 13/	Dol	--	--	--	57,169	115.96																																																																																																																																																																																																																																												
Yearling heifers	Head	85	675	58.42	33,518	--	Interest on land 13/	Dol	--	--	--	163,074	330.78																																																																																																																																																																																																																																												
Cull cows	Head	59	975	35.05	20,163	--	Total other costs	Dol	--	--	--	261,180	529.78																																																																																																																																																																																																																																												
Total sales	Head	--	--	--	145,356	294.84	Total all costs	Dol	--	--	--	379,495	769.77																																																																																																																																																																																																																																												
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																		
Federal grazing fees 3/	AM	1,683.0	--	1.86	3,130	6.35	Return above cash costs and family labor investment 14/	Dol	--	--	--	27,041	54.85																																																																																																																																																																																																																																												
Private pasture lease	AUM	573.2	--	9.04	5,182	10.51	Return to land 15/	Dol	--	--	--	18,825	38.18																																																																																																																																																																																																																																												
Other pasture lease 4/	AUM	--	--	--	--	--					--	--	--																																																																																																																																																																																																																																												
State land lease	AUM	114.6	--	1.85	212	0.43					--	--	--																																																																																																																																																																																																																																												
Irrigated pasture	AUM	--	--	--	--	--					--	--	--																																																																																																																																																																																																																																												
Hay produced	Ton	796.0	--	42.80	34,069	69.11					--	--	--																																																																																																																																																																																																																																												
Hay purchased	Ton	265.3	--	66.00	17,510	35.52					--	--	--																																																																																																																																																																																																																																												
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td colspan="14">Feed source:</td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>100.0</td> <td>258.0</td> <td>259.0</td> <td>259.0</td> <td>92.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>110.0</td> <td>221.0</td> <td>106.0</td> <td>104.0</td> <td>104.0</td> <td>70.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>6.5</td> <td>15.7</td> <td>56.8</td> <td>75.2</td> <td>70.1</td> <td>72.2</td> <td>70.1</td> <td>86.5</td> <td>37.2</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>1.3</td> <td>3.1</td> <td>11.4</td> <td>15.0</td> <td>14.0</td> <td>14.5</td> <td>14.0</td> <td>16.6</td> <td>7.4</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>35.0</td> <td>85.8</td> <td>310.6</td> <td>411.2</td> <td>383.1</td> <td>394.8</td> <td>383.4</td> <td>373.0</td> <td>203.2</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>43.1</td> <td>86.2</td> <td>43.1</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>195.8</td> <td>214.8</td> <td>216.9</td> <td>216.9</td> <td>108.5</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>108.4</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td colspan="14">Marketing month:</td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>105.0</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>53.0</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>103.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>70.0</td> <td>15.0</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>59.0</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:														National Forest 16/	AM	--	--	--	--	100.0	258.0	259.0	259.0	92.0	--	--	Bureau of Land Management 16/	AM	--	--	--	110.0	221.0	106.0	104.0	104.0	70.0	--	--	Pasture rent/lease 17/	AUM	--	--	6.5	15.7	56.8	75.2	70.1	72.2	70.1	86.5	37.2	State land lease	AUM	--	--	1.3	3.1	11.4	15.0	14.0	14.5	14.0	16.6	7.4	Deeded rangeland 17/	AUM	--	--	35.0	85.8	310.6	411.2	383.1	394.8	383.4	373.0	203.2	Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	43.1	86.2	43.1	Hay	Ton	195.8	214.8	216.9	216.9	108.5	--	--	--	--	--	108.4	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--	Marketing month:														Steer calves	Head	--	--	--	--	--	--	--	--	--	105.0	--	Heifer calves	Head	--	--	--	--	--	--	--	--	--	53.0	--	Yearling steers	Head	--	--	--	--	--	--	--	--	103.0	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	--	70.0	15.0	--	Cull cows	Head	--	--	--	--	--	--	--	--	--	59.0	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																													
Feed source:																																																																																																																																																																																																																																																									
National Forest 16/	AM	--	--	--	--	100.0	258.0	259.0	259.0	92.0	--	--																																																																																																																																																																																																																																													
Bureau of Land Management 16/	AM	--	--	--	110.0	221.0	106.0	104.0	104.0	70.0	--	--																																																																																																																																																																																																																																													
Pasture rent/lease 17/	AUM	--	--	6.5	15.7	56.8	75.2	70.1	72.2	70.1	86.5	37.2																																																																																																																																																																																																																																													
State land lease	AUM	--	--	1.3	3.1	11.4	15.0	14.0	14.5	14.0	16.6	7.4																																																																																																																																																																																																																																													
Deeded rangeland 17/	AUM	--	--	35.0	85.8	310.6	411.2	383.1	394.8	383.4	373.0	203.2																																																																																																																																																																																																																																													
Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	43.1	86.2	43.1																																																																																																																																																																																																																																													
Hay	Ton	195.8	214.8	216.9	216.9	108.5	--	--	--	--	--	108.4																																																																																																																																																																																																																																													
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Marketing month:																																																																																																																																																																																																																																																									
Steer calves	Head	--	--	--	--	--	--	--	--	--	105.0	--																																																																																																																																																																																																																																													
Heifer calves	Head	--	--	--	--	--	--	--	--	--	53.0	--																																																																																																																																																																																																																																													
Yearling steers	Head	--	--	--	--	--	--	--	--	103.0	--	--																																																																																																																																																																																																																																													
Yearling heifers	Head	--	--	--	--	--	--	--	--	70.0	15.0	--																																																																																																																																																																																																																																													
Cull cows	Head	--	--	--	--	--	--	--	--	--	59.0	--																																																																																																																																																																																																																																													

Table 82--Beef cow enterprises with 700 or more cows, White River National Forest, Central Colorado, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																										
Production:							Cash costs--Continued																																																																																																																																																																																																																																																
Bred cows 1/	Head	1,229	--	--	--	--	Protein supplement 5/	Ton	--	--	--	--	--																																																																																																																																																																																																																																										
Annual cow loss	Head	25	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																										
Cows culled	Head	147	--	--	--	--	Other feed	Ton	--	--	--	--	--																																																																																																																																																																																																																																										
Calves born alive	Head	1,143	--	--	--	--	Salt and mineral	Cwt	442.0	--	4.57	2,020	1.64																																																																																																																																																																																																																																										
Calves lost birth to weaning	Head	91	--	--	--	--	Veterinary & medicine	Dol	--	--	--	7,718	6.28																																																																																																																																																																																																																																										
Steer calves weaned	Head	526	--	--	--	--	Hired trucking	Dol	--	--	--	4,182	3.40																																																																																																																																																																																																																																										
Sold as weaners	Head	263	--	--	--	--	Marketing 6/	Dol	--	--	--	3,637	2.96																																																																																																																																																																																																																																										
Lost after weaning	Head	5	--	--	--	--	General overhead 7/	Dol	--	--	--	10,352	8.42																																																																																																																																																																																																																																										
Sold as yearlings	Head	258	--	--	--	--	Hired labor	Hrs	8,382.0	--	4.22	35,372	28.78																																																																																																																																																																																																																																										
Heifer calves weaned	Head	526	--	--	--	--	Fuel and lubricants	Dol	--	--	--	16,675	13.57																																																																																																																																																																																																																																										
Sold as weaners	Head	132	--	--	--	--	Repairs	Dol	--	--	--	18,717	15.23																																																																																																																																																																																																																																										
Lost after weaning	Head	8	--	--	--	--	Taxes 8/	Dol	--	--	--	7,933	6.45																																																																																																																																																																																																																																										
Sold as yearlings	Head	214	--	--	--	--	Insurance	Dol	--	--	--	6,434	5.24																																																																																																																																																																																																																																										
Kept for herd replacement 2/	Head	172	--	--	--	--	Interest on operating capital 9/	Dol	128,685.4	--	0.15	19,818	16.13																																																																																																																																																																																																																																										
Bulls	Head	82	--	--	--	--	Total cash costs	Dol	--	--	--	276,621	225.08																																																																																																																																																																																																																																										
Sales:							Other costs:																																																																																																																																																																																																																																																
Steer calves	Head	263	430	67.24	76,042	--	Family labor 10/	Hrs	4,855.0	--	4.22	20,488	16.67																																																																																																																																																																																																																																										
Heifer calves	Head	132	400	58.24	30,751	--	Capital replacement 11/	Dol	--	--	--	53,733	43.72																																																																																																																																																																																																																																										
Yearling steers	Head	258	750	59.75	115,616	--	Interest on investment other than land 13/	Dol	--	--	--	126,810	103.18																																																																																																																																																																																																																																										
Yearling heifers	Head	214	675	58.42	84,388	--	Interest on land 13/	Dol	--	--	--	399,163	324.79																																																																																																																																																																																																																																										
Cull cows	Head	147	975	35.05	50,235	--	Total other costs	Dol	--	--	--	600,194	488.36																																																																																																																																																																																																																																										
Total sales	Head	--	--	--	357,032	290.51	Total all costs	Dol	--	--	--	876,815	713.44																																																																																																																																																																																																																																										
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																
Federal grazing fees 3/	AM	3,490.0	--	1.86	6,491	5.28	Return above cash costs and family labor	Dol	--	--	--	59,923	48.76																																																																																																																																																																																																																																										
Private pasture lease	AUM	1,322.8	--	9.04	11,951	9.72	Return to total investment 14/	Dol	--	--	--	6,190	5.04																																																																																																																																																																																																																																										
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-120,620	-98.14																																																																																																																																																																																																																																										
State land lease	AUM	228.8	--	1.85	423	0.34																																																																																																																																																																																																																																																	
Irrigated pasture	AUM	--	--	--	--	--																																																																																																																																																																																																																																																	
Hay produced	Ton	1,927.4	--	42.80	82,493	67.12																																																																																																																																																																																																																																																	
Hay purchased	Ton	642.5	--	66.00	42,405	34.50																																																																																																																																																																																																																																																	
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td>Feed source:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>120.0</td> <td>345.0</td> <td>333.0</td> <td>302.0</td> <td>77.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>110.0</td> <td>110.0</td> <td>110.0</td> <td>147.0</td> <td>232.0</td> <td>296.0</td> <td>284.0</td> <td>284.0</td> <td>162.0</td> <td>147.0</td> <td>147.0</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>10.5</td> <td>150.9</td> <td>268.5</td> <td>233.6</td> <td>241.1</td> <td>239.3</td> <td>178.9</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>2.1</td> <td>30.2</td> <td>53.7</td> <td>46.7</td> <td>48.2</td> <td>47.9</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>57.4</td> <td>824.9</td> <td>1,467.9</td> <td>1,277.0</td> <td>1,317.9</td> <td>1,308.0</td> <td>1,448.3</td> <td>1,169.9</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>139.0</td> <td>278.0</td> <td>139.0</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>455.7</td> <td>499.5</td> <td>533.1</td> <td>540.8</td> <td>270.4</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>270.4</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Marketing month:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>263.0</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>132.0</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>258.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>175.0</td> <td>--</td> <td>39.0</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>147.0</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:													National Forest 16/	AM	--	--	--	--	120.0	345.0	333.0	302.0	77.0	--	--	Bureau of Land Management 16/	AM	110.0	110.0	110.0	147.0	232.0	296.0	284.0	284.0	162.0	147.0	147.0	Pasture rent/lease 17/	AUM	--	--	--	10.5	150.9	268.5	233.6	241.1	239.3	178.9	--	State land lease	AUM	--	--	--	2.1	30.2	53.7	46.7	48.2	47.9	--	--	Deeded rangeland 17/	AUM	--	--	--	57.4	824.9	1,467.9	1,277.0	1,317.9	1,308.0	1,448.3	1,169.9	Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	139.0	278.0	139.0	Hay	Ton	455.7	499.5	533.1	540.8	270.4	--	--	--	--	--	270.4	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--	Marketing month:													Steer calves	Head	--	--	--	--	--	--	--	--	--	263.0	--	Heifer calves	Head	--	--	--	--	--	--	--	--	--	132.0	--	Yearling steers	Head	--	--	--	--	--	--	--	--	258.0	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	--	175.0	--	39.0	Cull cows	Head	--	--	--	--	--	--	--	--	--	147.0	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																											
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National Forest 16/	AM	--	--	--	--	120.0	345.0	333.0	302.0	77.0	--	--																																																																																																																																																																																																																																											
Bureau of Land Management 16/	AM	110.0	110.0	110.0	147.0	232.0	296.0	284.0	284.0	162.0	147.0	147.0																																																																																																																																																																																																																																											
Pasture rent/lease 17/	AUM	--	--	--	10.5	150.9	268.5	233.6	241.1	239.3	178.9	--																																																																																																																																																																																																																																											
State land lease	AUM	--	--	--	2.1	30.2	53.7	46.7	48.2	47.9	--	--																																																																																																																																																																																																																																											
Deeded rangeland 17/	AUM	--	--	--	57.4	824.9	1,467.9	1,277.0	1,317.9	1,308.0	1,448.3	1,169.9																																																																																																																																																																																																																																											
Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	139.0	278.0	139.0																																																																																																																																																																																																																																											
Hay	Ton	455.7	499.5	533.1	540.8	270.4	--	--	--	--	--	270.4																																																																																																																																																																																																																																											
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Marketing month:																																																																																																																																																																																																																																																							
Steer calves	Head	--	--	--	--	--	--	--	--	--	263.0	--																																																																																																																																																																																																																																											
Heifer calves	Head	--	--	--	--	--	--	--	--	--	132.0	--																																																																																																																																																																																																																																											
Yearling steers	Head	--	--	--	--	--	--	--	--	258.0	--	--																																																																																																																																																																																																																																											
Yearling heifers	Head	--	--	--	--	--	--	--	--	175.0	--	39.0																																																																																																																																																																																																																																											
Cull cows	Head	--	--	--	--	--	--	--	--	--	147.0	--																																																																																																																																																																																																																																											

Table 83--Beef cow enterprises with up to 199 cows, Apache-Sitgreaves National Forest, East-Central Arizona, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow
Production:							Cash costs--Continued						
Bred cows 1/	Head	66	--	--	--	--	Protein supplement 5/	Ton	6.3	--	232.80	1,467	22.23
Annual cow loss	Head	1	--	--	--	--	Grain	Bu	--	--	--	--	--
Cows culled	Head	8	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--
Calves born alive	Head	55	--	--	--	--	Salt and mineral	Cwt	23.0	--	4.88	112	1.70
Calves lost birth to weaning	Head	3	--	--	--	--	Veterinary & medicine	Dol	--	--	--	327	4.95
Steer calves weaned	Head	26	--	--	--	--	Hired trucking	Dol	--	--	--	119	1.80
Sold as weaners	Head	20	--	--	--	--	Marketing 6/	Dol	--	--	--	355	5.38
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	Dol	--	--	--	595	9.02
Sold as yearlings	Head	6	--	--	--	--	Hired labor	Hrs	280.0	--	4.82	1,350	20.45
Heifer calves weaned	Head	26	--	--	--	--	Fuel and lubricants	Dol	--	--	--	921	13.95
Sold as weaners	Head	12	--	--	--	--	Repairs	Dol	--	--	--	952	14.42
Lost after weaning	Head	1	--	--	--	--	Taxes 8/	Dol	--	--	--	599	9.08
Sold as yearlings	Head	4	--	--	--	--	Insurance	Dol	--	--	--	301	4.56
Kept for herd replacement 2/	Head	9	--	--	--	--	Interest on operating capital 9/	Dol	--	--	--	516	7.82
Bulls	Head	4	--	--	--	--	Total cash costs	Dol	--	--	--	9,545	144.62
Sales:							Other costs:						
Steer calves	Head	20	430	65.67	5,648	--	Family labor 10/	Hrs	990.0	--	4.82	4,772	72.30
Heifer calves	Head	12	390	56.00	2,621	--	Capital replacement 11/	Dol	--	--	--	3,763	57.02
Yearling steers	Head	6	600	62.25	2,241	--	Interest on investment other than land 13/	Dol	--	--	--	7,275	110.23
Yearling heifers	Head	4	1,180	111.76	5,275	--	Interest on land 13/	Dol	--	--	--	25,734	389.91
Cull cows	Head	8	878	37.71	2,649	--	Total other costs	Dol	--	--	--	41,544	629.45
Total sales	Head	--	--	--	18,434	279.30	Total all costs	Dol	--	--	--	51,089	774.08
Cash costs:							Return above cash costs:						
Federal grazing fees 3/	AM	437.0	--	1.86	813	12.32	Return above cash costs and family labor investment 14/	Dol	--	--	--	8,889	134.68
Private pasture lease	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-6,921	104.86
Other pasture lease 4/	AUM	--	--	--	--	--							
State land lease	AUM	26.0	--	1.02	27	0.41							
Irrigated pasture	AUM	--	--	--	--	--							
Hay produced	Ton	11.3	--	37.25	421	6.38							
Hay purchased	Ton	11.2	--	59.83	670	10.15							
Feed source:													
National Forest 16/	AM	24.0	24.0	24.0	24.0	33.0	51.0	52.0	52.0	51.0	50.0	28.0	24.0
Bureau of Land Management 16/	AM	--	--	--	--	--	--	--	--	--	--	--	--
Pasture rent/lease 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--
State land lease	AUM	1.5	1.6	1.9	2.0	3.2	2.0	2.2	2.2	2.2	1.9	2.5	2.8
Deeded rangeland 17/	AUM	26.1	31.9	35.2	40.6	61.0	41.1	41.6	42.5	42.5	35.2	43.5	48.2
Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--
Crop residue 17/	AUM	5.0	--	--	--	--	--	--	--	--	--	5.0	5.0
Hay	Ton	5.6	5.7	5.6	5.6	--	--	--	--	--	--	--	--
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--
Protein supplement	Ton	0.9	1.8	1.8	1.8	--	--	--	--	--	--	--	--
Marketing month:													
Steer calves	Head	--	--	--	--	--	--	--	--	--	20.0	--	--
Heifer calves	Head	--	--	--	--	--	--	--	--	--	12.0	--	--
Yearling steers	Head	--	--	--	--	6.0	--	--	--	--	--	--	--
Yearling heifers	Head	--	--	--	--	1.0	--	--	--	--	3.0	--	--
Cull cows	Head	--	--	--	--	--	--	--	--	--	8.0	--	--

Table 84--Beef cow enterprises with 200-499 cows, Apache-Sitgreaves National Forest, East-Central Arizona, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																												
Production:							Cash costs--Continued:																																																																																																																																																																																																																																																		
Bred cows 1/	Head	315	--	--	--	--	Protein supplement 5/	Ton	17.1	--	232.80	3,981	12.64																																																																																																																																																																																																																																												
Annual cow loss	Head	8	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																												
Cows culled	Head	38	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--																																																																																																																																																																																																																																												
Calves born alive	Head	265	--	--	--	--	Salt and mineral	Cwt	110.0	--	4.88	537	1.70																																																																																																																																																																																																																																												
Calves lost birth to weaning	Head	16	--	--	--	--	Veterinary & medicine	Dol	--	--	--	882	2.80																																																																																																																																																																																																																																												
Steer calves weaned	Head	124	--	--	--	--	Hired trucking	Dol	--	--	--	604	1.92																																																																																																																																																																																																																																												
Sold as weaners	Head	96	--	--	--	--	Marketing 6/	Dol	--	--	--	1,064	3.38																																																																																																																																																																																																																																												
Lost after weaning	Head	1	--	--	--	--	General overhead 7/	Dol	--	--	--	2,248	7.14																																																																																																																																																																																																																																												
Sold as yearlings	Head	27	--	--	--	--	Hired labor	Hrs	2,013.0	--	4.82	9,703	30.80																																																																																																																																																																																																																																												
Heifer calves weaned	Head	125	--	--	--	--	Fuel and lubricants	Dol	--	--	--	5,490	17.43																																																																																																																																																																																																																																												
Sold as weaners	Head	59	--	--	--	--	Repairs	Dol	--	--	--	4,115	13.06																																																																																																																																																																																																																																												
Lost after weaning	Head	1	--	--	--	--	Taxes 8/	Dol	--	--	--	2,426	7.70																																																																																																																																																																																																																																												
Sold as yearlings	Head	19	--	--	--	--	Insurance	Dol	--	--	--	1,443	4.58																																																																																																																																																																																																																																												
Kept for herd replacement 2/	Head	46	--	--	--	--	Interest on operating capital 9/	Dol	16,393.0	--	.15	2,426	7.70																																																																																																																																																																																																																																												
Bulls	Head	21	--	--	--	--	Total cash costs	Dol	--	--	--	44,528	141.36																																																																																																																																																																																																																																												
Sales:							Other costs:																																																																																																																																																																																																																																																		
Steer calves	Head	96	430	65.67	27,109	--	Family labor 10/	Hrs	3,704.0	--	4.82	17,853	56.68																																																																																																																																																																																																																																												
Heifer calves	Head	59	390	56.00	12,886	--	Capital replacement 11/	Dol	--	--	--	14,097	44.75																																																																																																																																																																																																																																												
Yearling steers	Head	27	600	62.25	10,085	--	Interest on investment other than land 13/	Dol	--	--	--	31,636	100.43																																																																																																																																																																																																																																												
Yearling heifers	Head	19	1,180	111.76	25,057	--	Interest on land 13/	Dol	--	--	--	108,707	345.10																																																																																																																																																																																																																																												
Cull cows	Head	38	878	37.71	12,582	--	Total other costs	Dol	--	--	--	172,293	546.96																																																																																																																																																																																																																																												
Total sales	Head	--	--	--	87,719	278.47	Total all costs	Dol	--	--	--	216,821	688.32																																																																																																																																																																																																																																												
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																		
Federal grazing fees 3/	AM	2,244.0	--	1.86	4,174	13.25	and family labor	Dol	--	--	--	25,338	80.44																																																																																																																																																																																																																																												
Private pasture lease	AUM	--	--	--	--	--	Return to total investment 14/	Dol	--	--	--	11,241	35.69																																																																																																																																																																																																																																												
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-20,395	-64.75																																																																																																																																																																																																																																												
State land lease	AUM	188.0	--	1.02	192	0.61																																																																																																																																																																																																																																																			
Irrigated pasture	AUM	--	--	--	--	--																																																																																																																																																																																																																																																			
Hay produced	Ton	54.0	--	37.25	2,012	6.39																																																																																																																																																																																																																																																			
Hay purchased	Ton	54.0	--	59.83	3,231	10.26																																																																																																																																																																																																																																																			
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td colspan="14">Feed source:</td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>106.0</td> <td>106.0</td> <td>106.0</td> <td>112.0</td> <td>166.0</td> <td>230.0</td> <td>234.0</td> <td>234.0</td> <td>210.0</td> <td>118.0</td> <td>110.0</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>24.0</td> <td>24.0</td> <td>24.0</td> <td>24.0</td> <td>24.0</td> <td>22.0</td> <td>22.0</td> <td>22.0</td> <td>22.0</td> <td>24.0</td> <td>24.0</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>7.0</td> <td>7.0</td> <td>8.0</td> <td>9.0</td> <td>13.0</td> <td>19.0</td> <td>20.0</td> <td>20.0</td> <td>18.0</td> <td>23.0</td> <td>24.0</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>126.5</td> <td>128.1</td> <td>145.1</td> <td>167.2</td> <td>253.5</td> <td>176.6</td> <td>179.8</td> <td>183.9</td> <td>180.4</td> <td>205.0</td> <td>216.9</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>10.0</td> <td>8.0</td> <td>8.0</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>27.0</td> <td>27.0</td> <td>27.0</td> <td>27.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>4.3</td> <td>4.3</td> <td>4.3</td> <td>4.2</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td colspan="14">Marketing month:</td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>96.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>59.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>27.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>9.0</td> <td>--</td> <td>--</td> <td>--</td> <td>10.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>38.0</td> <td>--</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:														National Forest 16/	AM	106.0	106.0	106.0	112.0	166.0	230.0	234.0	234.0	210.0	118.0	110.0	Bureau of Land Management 16/	AM	24.0	24.0	24.0	24.0	24.0	22.0	22.0	22.0	22.0	24.0	24.0	Pasture rent/lease 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	State land lease	AUM	7.0	7.0	8.0	9.0	13.0	19.0	20.0	20.0	18.0	23.0	24.0	Deeded rangeland 17/	AUM	126.5	128.1	145.1	167.2	253.5	176.6	179.8	183.9	180.4	205.0	216.9	Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	10.0	8.0	8.0	Hay	Ton	27.0	27.0	27.0	27.0	--	--	--	--	--	--	--	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	4.3	4.3	4.3	4.2	--	--	--	--	--	--	--	Marketing month:														Steer calves	Head	--	--	--	--	--	--	--	--	96.0	--	--	Heifer calves	Head	--	--	--	--	--	--	--	--	59.0	--	--	Yearling steers	Head	--	--	--	--	27.0	--	--	--	--	--	--	Yearling heifers	Head	--	--	--	--	9.0	--	--	--	10.0	--	--	Cull cows	Head	--	--	--	--	--	--	--	--	38.0	--	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																													
Feed source:																																																																																																																																																																																																																																																									
National Forest 16/	AM	106.0	106.0	106.0	112.0	166.0	230.0	234.0	234.0	210.0	118.0	110.0																																																																																																																																																																																																																																													
Bureau of Land Management 16/	AM	24.0	24.0	24.0	24.0	24.0	22.0	22.0	22.0	22.0	24.0	24.0																																																																																																																																																																																																																																													
Pasture rent/lease 17/	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
State land lease	AUM	7.0	7.0	8.0	9.0	13.0	19.0	20.0	20.0	18.0	23.0	24.0																																																																																																																																																																																																																																													
Deeded rangeland 17/	AUM	126.5	128.1	145.1	167.2	253.5	176.6	179.8	183.9	180.4	205.0	216.9																																																																																																																																																																																																																																													
Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	10.0	8.0	8.0																																																																																																																																																																																																																																													
Hay	Ton	27.0	27.0	27.0	27.0	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Protein supplement	Ton	4.3	4.3	4.3	4.2	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Marketing month:																																																																																																																																																																																																																																																									
Steer calves	Head	--	--	--	--	--	--	--	--	96.0	--	--																																																																																																																																																																																																																																													
Heifer calves	Head	--	--	--	--	--	--	--	--	59.0	--	--																																																																																																																																																																																																																																													
Yearling steers	Head	--	--	--	--	27.0	--	--	--	--	--	--																																																																																																																																																																																																																																													
Yearling heifers	Head	--	--	--	--	9.0	--	--	--	10.0	--	--																																																																																																																																																																																																																																													
Cull cows	Head	--	--	--	--	--	--	--	--	38.0	--	--																																																																																																																																																																																																																																													

Table 85--Beef cow enterprises with 500 or more cows, Apache-Sitgreaves National Forest, East-Central Arizona, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																																										
Production:							Cash costs--Continued																																																																																																																																																																																																																																																																
Bred cows 1/	Head	742	--	--	--	--	Protein supplement 5/	Ton	54.9	--	232.80	12,781	17.23																																																																																																																																																																																																																																																										
Annual cow loss	Head	19	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																																										
Cows culled	Head	89	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--																																																																																																																																																																																																																																																										
Calves born alive	Head	623	--	--	--	--	Salt and mineral	Cwt	260.0	--	4.88	1,269	1.71																																																																																																																																																																																																																																																										
Calves lost birth to weaning	Head	37	--	--	--	--	Veterinary & medicine	Dol	--	--	--	2,456	3.31																																																																																																																																																																																																																																																										
Steer calves weaned	Head	293	--	--	--	--	Hired trucking	Dol	--	--	--	1,935	2.61																																																																																																																																																																																																																																																										
Sold as weaners	Head	229	--	--	--	--	Marketing 6/	Dol	--	--	--	1,968	2.65																																																																																																																																																																																																																																																										
Lost after weaning	Head	1	--	--	--	--	General overhead 7/	Dol	--	--	--	5,663	7.63																																																																																																																																																																																																																																																										
Sold as yearlings	Head	63	--	--	--	--	Hired labor	Hrs	6,789.0	--	4.82	32,723	44.10																																																																																																																																																																																																																																																										
Heifer calves weaned	Head	293	--	--	--	--	Fuel and lubricants	Dol	--	--	--	6,681	9.00																																																																																																																																																																																																																																																										
Sold as weaners	Head	138	--	--	--	--	Repairs	Dol	--	--	--	6,841	9.22																																																																																																																																																																																																																																																										
Lost after weaning	Head	3	--	--	--	--	Taxes 8/	Dol	--	--	--	4,575	6.17																																																																																																																																																																																																																																																										
Sold as yearlings	Head	44	--	--	--	--	Insurance	Dol	--	--	--	3,205	4.32																																																																																																																																																																																																																																																										
Kept for herd replacement 2/	Head	108	--	--	--	--	Interest on operating capital 9/	Dol	42,324.1	--	0.15	6,264	8.44																																																																																																																																																																																																																																																										
Bulls	Head	50	--	--	--	--	Total cash costs	Dol	--	--	--	108,882	146.74																																																																																																																																																																																																																																																										
Sales:							Other costs:																																																																																																																																																																																																																																																																
Steer calves	Head	229	430	65.67	64,665	--	Family labor 10/	Hrs	1,632.0	--	4.82	7,866	10.60																																																																																																																																																																																																																																																										
Heifer calves	Head	138	390	56.00	30,139	--	Capital replacement 11/	Dol	--	--	--	24,113	32.50																																																																																																																																																																																																																																																										
Yearling steers	Head	63	600	62.25	23,531	--	Interest on investment other than land 13/	Dol	--	--	--	69,193	93.25																																																																																																																																																																																																																																																										
Yearling heifers	Head	44	1,180	111.76	58,026	--	Interest on land 13/	Dol	--	--	--	217,641	293.32																																																																																																																																																																																																																																																										
Cull cows	Head	89	878	37.71	29,467	--	Total other costs	Dol	--	--	--	318,813	429.67																																																																																																																																																																																																																																																										
Total sales	Head	--	--	--	205,828	277.40	Total all costs	Dol	--	--	--	427,695	576.41																																																																																																																																																																																																																																																										
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																																
Federal grazing fees 3/	AM	4,331.0	--	1.86	8,056	10.86	and family labor	Dol	--	--	--	89,080	120.05																																																																																																																																																																																																																																																										
Private pasture lease	AUM	333.0	--	6.26	2,085	2.81	Return to total investment 14/	Dol	--	--	--	64,967	87.56																																																																																																																																																																																																																																																										
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-4,226	-5.70																																																																																																																																																																																																																																																										
State land lease	AUM	135.0	--	1.02	138	0.19																																																																																																																																																																																																																																																																	
Irrigated pasture	AUM	--	--	--	--	--																																																																																																																																																																																																																																																																	
Hay produced	Ton	126.1	--	37.25	4,697	6.33																																																																																																																																																																																																																																																																	
Hay purchased	Ton	126.1	--	59.83	7,545	10.17																																																																																																																																																																																																																																																																	
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td>Feed source:</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>135.0</td> <td>135.0</td> <td>135.0</td> <td>135.0</td> <td>283.0</td> <td>537.0</td> <td>541.0</td> <td>544.0</td> <td>544.0</td> <td>481.0</td> <td>191.0</td> <td>154.0</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>43.0</td> <td>43.0</td> <td>43.0</td> <td>43.0</td> <td>43.0</td> <td>43.0</td> <td>43.0</td> <td>43.0</td> <td>43.0</td> <td>43.0</td> <td>43.0</td> <td>43.0</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>23.0</td> <td>24.0</td> <td>27.0</td> <td>30.0</td> <td>40.0</td> <td>24.0</td> <td>25.0</td> <td>25.0</td> <td>25.0</td> <td>24.0</td> <td>32.0</td> <td>34.0</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>9.0</td> <td>10.0</td> <td>11.0</td> <td>12.0</td> <td>16.0</td> <td>10.0</td> <td>10.0</td> <td>10.0</td> <td>10.0</td> <td>10.0</td> <td>13.0</td> <td>14.0</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>424.2</td> <td>446.3</td> <td>496.3</td> <td>559.6</td> <td>735.7</td> <td>446.6</td> <td>462.2</td> <td>469.4</td> <td>458.9</td> <td>447.3</td> <td>594.9</td> <td>639.9</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>18.0</td> <td>20.0</td> <td>22.0</td> <td>22.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>18.0</td> <td>18.0</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>63.0</td> <td>63.0</td> <td>63.0</td> <td>63.2</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>7.8</td> <td>15.7</td> <td>15.7</td> <td>15.7</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Marketing month:</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>229.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>138.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>63.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>19.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>25.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>89.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:													National Forest 16/	AM	135.0	135.0	135.0	135.0	283.0	537.0	541.0	544.0	544.0	481.0	191.0	154.0	Bureau of Land Management 16/	AM	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	Pasture rent/lease 17/	AUM	23.0	24.0	27.0	30.0	40.0	24.0	25.0	25.0	25.0	24.0	32.0	34.0	State land lease	AUM	9.0	10.0	11.0	12.0	16.0	10.0	10.0	10.0	10.0	10.0	13.0	14.0	Deeded rangeland 17/	AUM	424.2	446.3	496.3	559.6	735.7	446.6	462.2	469.4	458.9	447.3	594.9	639.9	Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--	Crop residue 17/	AUM	18.0	20.0	22.0	22.0	--	--	--	--	--	--	18.0	18.0	Hay	Ton	63.0	63.0	63.0	63.2	--	--	--	--	--	--	--	--	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	7.8	15.7	15.7	15.7	--	--	--	--	--	--	--	--	Marketing month:														Steer calves	Head	--	--	--	--	--	--	--	--	229.0	--	--	--	Heifer calves	Head	--	--	--	--	--	--	--	--	138.0	--	--	--	Yearling steers	Head	--	--	--	--	63.0	--	--	--	--	--	--	--	Yearling heifers	Head	--	--	--	--	19.0	--	--	--	--	25.0	--	--	Cull cows	Head	--	--	--	--	--	--	--	--	89.0	--	--	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																																											
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National Forest 16/	AM	135.0	135.0	135.0	135.0	283.0	537.0	541.0	544.0	544.0	481.0	191.0	154.0																																																																																																																																																																																																																																																										
Bureau of Land Management 16/	AM	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0																																																																																																																																																																																																																																																										
Pasture rent/lease 17/	AUM	23.0	24.0	27.0	30.0	40.0	24.0	25.0	25.0	25.0	24.0	32.0	34.0																																																																																																																																																																																																																																																										
State land lease	AUM	9.0	10.0	11.0	12.0	16.0	10.0	10.0	10.0	10.0	10.0	13.0	14.0																																																																																																																																																																																																																																																										
Deeded rangeland 17/	AUM	424.2	446.3	496.3	559.6	735.7	446.6	462.2	469.4	458.9	447.3	594.9	639.9																																																																																																																																																																																																																																																										
Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																										
Crop residue 17/	AUM	18.0	20.0	22.0	22.0	--	--	--	--	--	--	18.0	18.0																																																																																																																																																																																																																																																										
Hay	Ton	63.0	63.0	63.0	63.2	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																										
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																										
Protein supplement	Ton	7.8	15.7	15.7	15.7	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																										
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Cull cows	Head	--	--	--	--	--	--	--	--	89.0	--	--	--																																																																																																																																																																																																																																																										

Table 87--Beef cow enterprises with 100 or more cows, Carson National Forest, North-Central New Mexico, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																																									
Production:							Cash costs--Continued																																																																																																																																																																																																																																																															
Bred cows 1/	Head	170					Protein supplement 5/	Ton	1.0		248.00	248	1.46																																																																																																																																																																																																																																																									
Annual cow loss	Head	3					Grain	Bu																																																																																																																																																																																																																																																														
Cows culled	Head	23					Miscellaneous	Ton																																																																																																																																																																																																																																																														
Calves born alive	Head	158					Salt and mineral	Cwt	59.5		5.80	345	2.03																																																																																																																																																																																																																																																									
Calves lost birth to weaning	Head	5					Veterinary & medicine	Dol				534	3.14																																																																																																																																																																																																																																																									
Steer calves weaned	Head	76					Hired trucking	Dol				73	0.43																																																																																																																																																																																																																																																									
Sold as weaners	Head	52					Marketing 6/	Dol				559	3.29																																																																																																																																																																																																																																																									
Lost after weaning	Head						General overhead 7/	Dol				2,202	12.95																																																																																																																																																																																																																																																									
Sold as yearlings	Head	24					Hired labor	Hrs	1,086.0		4.82	5,235	30.80																																																																																																																																																																																																																																																									
Heifer calves weaned	Head	77					Fuel and lubricants	Dol				1,593	9.37																																																																																																																																																																																																																																																									
Sold as weaners	Head	27					Repairs	Dol				2,021	11.89																																																																																																																																																																																																																																																									
Lost after weaning	Head	1					Taxes 8/	Dol				456	2.68																																																																																																																																																																																																																																																									
Sold as yearlings	Head	23					Insurance	Dol				763	4.49																																																																																																																																																																																																																																																									
Kept for herd replacement 2/	Head	26					Interest on operating capital 9/	Dol	14,676.72		0.15	2,260	13.30																																																																																																																																																																																																																																																									
Bulls	Head	6					Total cash costs	Dol				31,074	182.79																																																																																																																																																																																																																																																									
Sales:							Other costs:																																																																																																																																																																																																																																																															
Steer calves	Head	52	410	64.59	13,771		Family labor 10/	Hrs	1,998.5		4.82	9,633	56.67																																																																																																																																																																																																																																																									
Heifer calves	Head	27	375	54.89	5,558		Capital replacement 11/	Dol				4,999	29.41																																																																																																																																																																																																																																																									
Yearling steers	Head	24	700	61.87	10,394		Interest on investment other than land 13/	Dol				16,198	95.28																																																																																																																																																																																																																																																									
Yearling heifers	Head	23	610	53.19	7,463		Interest on land 13/	Dol				27,864	163.91																																																																																																																																																																																																																																																									
Cull cows	Head	23	900	35.05	7,255		Total other costs	Dol				58,694	345.26																																																																																																																																																																																																																																																									
Total sales	Head				44,441	261.42	Total all costs	Dol				89,768	528.05																																																																																																																																																																																																																																																									
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																															
Federal grazing fees 3/	AM	939.0		1.86	1,747	10.28	Return above cash costs and family labor	Dol				13,367	78.63																																																																																																																																																																																																																																																									
Private pasture lease	AUM						Return to total investment 14/	Dol				-1,265	-7.44																																																																																																																																																																																																																																																									
Other pasture lease 4/	AUM						Return to land 15/	Dol				-17,463	-102.72																																																																																																																																																																																																																																																									
State land lease	AUM																																																																																																																																																																																																																																																																					
Irrigated pasture	AUM																																																																																																																																																																																																																																																																					
Hay produced	Ton	350.0		37.25	13,038	76.69																																																																																																																																																																																																																																																																
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	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																																										
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Deeded rangeland 17/	AUM				290.0	172.0						0.2																																																																																																																																																																																																																																																										
Irrigated pasture 17/	AUM																																																																																																																																																																																																																																																																					
Crop residue 17/	AUM									208.0																																																																																																																																																																																																																																																												
Hay	Ton	63.0	69.0	74.0	81.0							63.0																																																																																																																																																																																																																																																										
Grain	Bu																																																																																																																																																																																																																																																																					
Protein supplement	Ton	0.2	0.2	0.2	0.2							0.2																																																																																																																																																																																																																																																										
Marketing month:																																																																																																																																																																																																																																																																						
Steer calves	Head										52.0																																																																																																																																																																																																																																																											
Heifer calves	Head										27.0																																																																																																																																																																																																																																																											
Yearling steers	Head										24.0																																																																																																																																																																																																																																																											
Yearling heifers	Head										5.0																																																																																																																																																																																																																																																											
Cull cows	Head										23.0																																																																																																																																																																																																																																																											
Feeder heifers	Head										18.0																																																																																																																																																																																																																																																											

Table 88--Beef cow enterprises with up to 99 cows, Cibola National Forest, Summer-Fall Grazing, Central New Mexico, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow
Production:							Cash costs--Continued						
Bred cows 1/	Head	44	--	--	--	--	Protein supplement 5/	Ton	5.5	--	248.20	1,365	31.02
Annual cow loss	Head	1	--	--	--	--	Grain	Bu	--	--	--	--	--
Cows culled	Head	5	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--
Calves born alive	Head	35	--	--	--	--	Salt and mineral	Cwt	15.4	--	5.80	89	2.02
Calves lost birth to weaning	Head	2	--	--	--	--	Veterinary & medicine	Dol	--	--	--	125	2.84
Steer calves weaned	Head	16	--	--	--	--	Hired trucking	Dol	--	--	--	83	1.89
Sold as weaners	Head	11	--	--	--	--	Marketing 6/	Dol	--	--	--	145	3.30
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	Dol	--	--	--	396	9.00
Sold as yearlings	Head	5	--	--	--	--	Hired labor	Hrs	--	--	--	--	--
Heifer calves weaned	Head	17	--	--	--	--	Fuel and lubricants	Dol	--	--	--	857	19.48
Sold as weaners	Head	7	--	--	--	--	Repairs	Dol	--	--	--	519	11.80
Lost after weaning	Head	--	--	--	--	--	Taxes 8/	Dol	--	--	--	146	3.32
Sold as yearlings	Head	4	--	--	--	--	Insurance	Dol	--	--	--	226	5.14
Kept for herd replacement 2/	Head	6	--	--	--	--	Interest on operating capital 9/	Dol	1,771.91	--	0.15	273	6.20
Bulls	Head	3	--	--	--	--	Total cash costs	Dol	--	--	--	5,340	121.36
Sales:							Other costs:						
Steer calves	Head	11	450	65.29	3,232	217.73	Family labor 10/	Hrs	396.0	--	4.82	1,909	43.39
Heifer calves	Head	7	400	54.44	1,524	--	Capital replacement 11/	Dol	--	--	--	2,030	46.14
Yearling steers	Head	5	650	63.06	2,049	--	Interest on investment other than land 13/	Dol	--	--	--	4,687	106.52
Yearling heifers	Head	4	600	54.76	1,314	--	Interest on land 13/	Dol	--	--	--	7,945	180.57
Cull cows	Head	5	775	37.71	1,461	--	Total other costs	Dol	--	--	--	16,571	376.61
Total sales	Head	--	--	--	9,580	217.73	Total all costs	Dol	--	--	--	21,911	497.98
Cash costs:							Return above cash costs:						
Federal grazing fees 3/	AM	301.0	--	1.86	560	12.73	Return above cash costs and family labor	Dol	--	--	--	4,240	96.36
Private pasture lease	AUM	79.9	--	6.26	500	11.36	Return to total investment 14/	Dol	--	--	--	301	6.84
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-4,386	-99.68
State land lease	AUM	39.9	--	1.40	56	1.27							
Irrigated pasture	AUM	--	--	--	--	--							
Hay produced	Ton	--	--	--	--	--							
Hay purchased	Ton	--	--	--	--	--							
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Feed source:													
National Forest 16/	AM	--	--	--	1.0	30.0	44.0	44.0	44.0	44.0	25.0	5.0	4.0
Bureau of Land Management 16/	AM	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Pasture rent/lease 17/	AUM	9.2	10.1	11.0	11.9	5.7	1.0	1.4	2.7	2.0	7.9	7.6	9.4
State land lease	AUM	4.6	5.0	5.5	6.0	2.8	0.5	0.7	1.3	1.0	4.0	3.8	4.7
Deeded rangeland 17/	AUM	32.1	35.2	38.4	41.7	19.8	3.6	5.0	9.3	6.9	27.7	26.6	32.9
Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--
Hay	Ton	--	--	--	--	--	--	--	--	--	--	--	--
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--
Protein supplement	Ton	1.0	1.0	1.0	0.5	--	1.0	1.0	--	--	--	--	--
Marketing month:													
Steer calves	Head	--	--	--	--	--	--	--	--	--	11.0	--	--
Heifer calves	Head	--	--	--	--	--	--	--	--	--	7.0	--	--
Yearling steers	Head	--	--	--	--	--	--	--	--	--	5.0	--	--
Yearling heifers	Head	--	--	--	--	--	--	--	--	--	4.0	--	--
Cull cows	Head	--	--	--	--	--	--	--	--	--	5.0	--	--

Table 89--Beef cow enterprises with up to 99 cows, Cibola National Forest, Yearlong Grazing, West-Central New Mexico, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																												
Production:							Cash costs--Continued																																																																																																																																																																																																																																																		
Bred cows 1/	Head	44	--	--	--	--	Protein supplement 5/	Ton	4.5	--	248.20	1,117	25.39																																																																																																																																																																																																																																												
Annual cow loss	Head	1	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																												
Cows culled	Head	5	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--																																																																																																																																																																																																																																												
Calves born alive	Head	35	--	--	--	--	Salt and mineral	Cwt	15.4	--	5.80	89	2.02																																																																																																																																																																																																																																												
Calves lost birth to weaning	Head	2	--	--	--	--	Veterinary & medicine	Dol	--	--	--	125	2.84																																																																																																																																																																																																																																												
Steer calves weaned	Head	16	--	--	--	--	Hired trucking	Dol	--	--	--	83	1.89																																																																																																																																																																																																																																												
Sold as weaners	Head	11	--	--	--	--	Marketing 6/	Dol	--	--	--	145	3.30																																																																																																																																																																																																																																												
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	Dol	--	--	--	--	--																																																																																																																																																																																																																																												
Sold as yearlings	Head	5	--	--	--	--	Hired labor	Hrs	--	--	--	--	--																																																																																																																																																																																																																																												
Heifer calves weaned	Head	17	--	--	--	--	Fuel and lubricants	Dol	--	--	--	857	19.48																																																																																																																																																																																																																																												
Sold as weaners	Head	7	--	--	--	--	Repairs	Dol	--	--	--	519	11.80																																																																																																																																																																																																																																												
Lost after weaning	Head	--	--	--	--	--	Taxes 8/	Dol	--	--	--	119	2.70																																																																																																																																																																																																																																												
Sold as yearlings	Head	4	--	--	--	--	Insurance	Dol	--	--	--	226	5.14																																																																																																																																																																																																																																												
Kept for herd replacement 2/	Head	6	--	--	--	--	Interest on operating capital 9/	Dol	1,588.3	--	0.15	245	5.57																																																																																																																																																																																																																																												
Bulls	Head	3	--	--	--	--	Total cash costs	Dol	--	--	--	4,518	102.68																																																																																																																																																																																																																																												
Sales:							Other costs:																																																																																																																																																																																																																																																		
Steer calves	Head	11	450	65.29	3,232	--	Family labor 10/	Hrs	396.0	--	4.82	1,909	43.39																																																																																																																																																																																																																																												
Heifer calves	Head	7	400	54.40	1,524	--	Capital replacement 11/	Dol	--	--	--	2,030	46.14																																																																																																																																																																																																																																												
Yearling steers	Head	5	650	63.06	2,049	--	Interest on investment other than land 13/	Dol	--	--	--	4,687	106.52																																																																																																																																																																																																																																												
Yearling heifers	Head	4	600	54.76	1,314	--	Interest on land 13/	Dol	--	--	--	4,706	106.95																																																																																																																																																																																																																																												
Cull cows	Head	5	775	37.71	1,461	--	Total other costs	Dol	--	--	--	13,332	303.00																																																																																																																																																																																																																																												
Total sales	Head	--	--	--	9,580	217.73	Total all costs	Dol	--	--	--	17,850	405.68																																																																																																																																																																																																																																												
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																		
Federal grazing fees 3/	AM	534.0	--	1.86	993	22.57	Return above cash costs and family labor	Dol	--	--	--	5,061	115.02																																																																																																																																																																																																																																												
Private pasture lease	AUM	--	--	--	--	--	Return above cash costs	Dol	--	--	--	3,152	71.64																																																																																																																																																																																																																																												
Other pasture lease 4/	AUM	--	--	--	--	--	Return to total investment 14/	Dol	--	--	--	1,122	25.50																																																																																																																																																																																																																																												
State land lease	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-3,565	-81.02																																																																																																																																																																																																																																												
Irrigated pasture	AUM	--	--	--	--	--																																																																																																																																																																																																																																																			
Hay produced	Ton	--	--	--	--	--																																																																																																																																																																																																																																																			
Hay purchased	Ton	--	--	--	--	--																																																																																																																																																																																																																																																			
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td colspan="14">Feed source:</td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>39.0</td> <td>39.0</td> <td>39.0</td> <td>39.0</td> <td>40.0</td> <td>40.0</td> <td>40.0</td> <td>40.0</td> <td>40.0</td> <td>39.0</td> <td>39.0</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>5.0</td> <td>5.0</td> <td>5.0</td> <td>5.0</td> <td>5.0</td> <td>5.0</td> <td>5.0</td> <td>5.0</td> <td>5.0</td> <td>5.0</td> <td>5.0</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>12.0</td> <td>7.4</td> <td>8.0</td> <td>7.2</td> <td>16.8</td> <td>14.2</td> <td>16.2</td> <td>22.4</td> <td>22.5</td> <td>22.5</td> <td>4.0</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>--</td> <td>1.0</td> <td>1.0</td> <td>.5</td> <td>--</td> <td>1.0</td> <td>1.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td colspan="14">Marketing month:</td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>11.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>7.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>5.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>4.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>5.0</td> <td>--</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:														National Forest 16/	AM	39.0	39.0	39.0	39.0	40.0	40.0	40.0	40.0	40.0	39.0	39.0	Bureau of Land Management 16/	AM	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	Pasture rent/lease 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--	Deeded rangeland 17/	AUM	12.0	7.4	8.0	7.2	16.8	14.2	16.2	22.4	22.5	22.5	4.0	Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	Hay	Ton	--	--	--	--	--	--	--	--	--	--	--	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	--	1.0	1.0	.5	--	1.0	1.0	--	--	--	--	Marketing month:														Steer calves	Head	--	--	--	--	--	--	--	--	11.0	--	--	Heifer calves	Head	--	--	--	--	--	--	--	--	7.0	--	--	Yearling steers	Head	--	--	--	--	--	--	--	--	5.0	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	--	4.0	--	--	Cull cows	Head	--	--	--	--	--	--	--	--	5.0	--	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																													
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Deeded rangeland 17/	AUM	12.0	7.4	8.0	7.2	16.8	14.2	16.2	22.4	22.5	22.5	4.0																																																																																																																																																																																																																																													
Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Hay	Ton	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Protein supplement	Ton	--	1.0	1.0	.5	--	1.0	1.0	--	--	--	--																																																																																																																																																																																																																																													
Marketing month:																																																																																																																																																																																																																																																									
Steer calves	Head	--	--	--	--	--	--	--	--	11.0	--	--																																																																																																																																																																																																																																													
Heifer calves	Head	--	--	--	--	--	--	--	--	7.0	--	--																																																																																																																																																																																																																																													
Yearling steers	Head	--	--	--	--	--	--	--	--	5.0	--	--																																																																																																																																																																																																																																													
Yearling heifers	Head	--	--	--	--	--	--	--	--	4.0	--	--																																																																																																																																																																																																																																													
Cull cows	Head	--	--	--	--	--	--	--	--	5.0	--	--																																																																																																																																																																																																																																													

Table 90--Beef cow enterprises with up to 99 cows, Cibola National Forest, Winter-Spring Grazing, Central New Mexico, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow
Production:							Cash costs--Continued						
Bred cows 1/	Head	34	--	--	--	--	Protein supplement 5/	Ton	2.0	--	248.20	496	14.59
Annual cow loss	Head	1	--	--	--	--	Grain	Bu	--	--	--	--	--
Cows culled	Head	3	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--
Calves born alive	Head	27	--	--	--	--	Salt and mineral	Cwt	11.9	--	5.80	69	2.03
Calves lost birth to weaning	Head	1	--	--	--	--	Veterinary & medicine	Dol	--	--	--	85	2.50
Steer calves weaned	Head	13	--	--	--	--	Hired trucking	Dol	--	--	--	54	1.59
Sold as weaners	Head	8	--	--	--	--	Marketing 6/	Dol	--	--	--	98	2.88
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	Dol	--	--	--	270	7.94
Sold as yearlings	Head	5	--	--	--	--	Hired labor	Hrs	--	--	--	--	--
Heifer calves weaned	Head	13	--	--	--	--	Fuel and lubricants	Dol	--	--	--	714	21.00
Sold as weaners	Head	5	--	--	--	--	Repairs	Dol	--	--	--	444	13.06
Lost after weaning	Head	--	--	--	--	--	Taxes 8/	Dol	--	--	--	174	5.12
Sold as yearlings	Head	4	--	--	--	--	Insurance	Dol	--	--	--	167	4.91
Kept for herd replacement 2/	Head	4	--	--	--	--	Interest on operating capital 9/	Dol	1,892.6	--	0.15	291	8.56
Bulls	Head	2	--	--	--	--	Total cash costs	Dol	--	--	--	3,762	110.65
Sales:							Other costs:						
Steer calves	Head	8	450	65.29	2,350	--	Family labor 10/	Hrs	533.0	--	4.82	2,569	75.56
Heifer calves	Head	5	400	54.44	1,089	--	Capital replacement 11/	Dol	--	--	--	1,917	56.38
Yearling steers	Head	5	650	63.06	2,049	--	Interest on investment other than land 13/	Dol	--	--	--	3,678	108.18
Yearling heifers	Head	4	600	54.76	1,314	--	Interest on land 13/	Dol	--	--	--	12,339	362.91
Cull cows	Head	3	775	37.71	877	--	Total other costs	Dol	--	--	--	20,503	603.03
Total sales	Head	--	--	--	7,679	225.85	Total all costs	Dol	--	--	--	24,265	713.68
Cash costs:							Return above cash costs:						
Federal grazing fees 3/	AM	263.0	--	1.86	489	14.38	Return above cash costs and family labor	Dol	--	--	--	3,917	115.21
Private pasture lease 4/	AUM	59.0	--	6.26	369	10.85	Return above cash costs	Dol	--	--	--	1,348	39.65
Other pasture lease 4/	AUM	--	--	--	--	--	Return to total investment 14/	Dol	--	--	--	-569	-16.74
State land lease	AUM	30.0	--	1.40	42	1.24	Return to land 15/	Dol	--	--	--	-4,247	-124.91
Irrigated pasture	AUM	--	--	--	--	--							
Hay produced	Ton	--	--	--	--	--							
Hay purchased	Ton	--	--	--	--	--							
Feed source:													
National Forest 16/	AM	32.0	32.0	32.0	32.0	28.0	20.0	--	--	2.0	7.0	22.0	32.0
Bureau of Land Management 16/	AM	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Pasture rent/lease 17/	AUM	--	--	--	4.0	4.0	5.0	11.0	12.0	11.0	10.0	2.0	--
State land lease	AUM	--	--	--	2.0	2.0	3.0	5.0	6.0	6.0	5.0	1.0	--
Deeded rangeland 17/	AUM	9.0	9.6	10.2	3.8	11.5	18.1	39.9	43.1	39.6	34.9	10.0	9.0
Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--
Hay	Ton	--	--	--	--	--	--	--	--	--	--	--	--
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--
Protein supplement	Ton	--	--	--	--	--	1.0	1.0	--	--	--	--	--
Marketing month:													
Steer calves	Head	--	--	--	--	--	--	--	--	--	8.0	--	--
Heifer calves	Head	--	--	--	--	--	--	--	--	--	5.0	--	--
Yearling steers	Head	--	--	--	--	--	--	--	--	--	5.0	--	--
Yearling heifers	Head	--	--	--	--	--	--	--	--	--	4.0	--	--
Cull cows	Head	--	--	--	--	--	--	--	--	--	3.0	--	--

Table 91--Beef cow enterprises with 100 or more cows, Cibola National Forest, Spring-Summer-Fall Grazing, West-Central New Mexico, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow
Production:							Cash costs--Continued						
Bred cows <u>1/</u>	Head	512	--	--	--	--	Protein supplement <u>5/</u>	Ton	82.5	--	248.20	20,477	39.99
Annual cow loss	Head	15	--	--	--	--	Grain	Bu	--	--	--	--	--
Cows culled	Head	65	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--
Calves born alive	Head	435	--	--	--	--	Salt and mineral	Cwt	179.2	--	5.80	1,039	2.03
Calves lost birth to weaning	Head	17	--	--	--	--	Veterinary & medicine	Dol	--	--	--	892	1.74
Steer calves weaned	Head	209	--	--	--	--	Hired trucking	Dol	--	--	--	1,453	2.84
Sold as weaners	Head	137	--	--	--	--	Marketing <u>6/</u>	Dol	--	--	--	1,131	2.21
Lost after weaning	Head	1	--	--	--	--	General overhead <u>7/</u>	Dol	--	--	--	3,907	7.63
Sold as yearlings	Head	71	--	--	--	--	Hired labor	Hrs	2,611.0	--	4.82	12,585	24.58
Heifer calves weaned	Head	209	--	--	--	--	Fuel and lubricants	Dol	--	--	--	7,529	14.71
Sold as weaners	Head	101	--	--	--	--	Repairs	Dol	--	--	--	8,038	15.70
Lost after weaning	Head	2	--	--	--	--	Taxes <u>8/</u>	Dol	--	--	--	2,764	5.40
Sold as yearlings	Head	26	--	--	--	--	Insurance	Dol	--	--	--	2,508	4.90
Kept for herd replacement <u>2/</u>	Head	80	--	--	--	--	Interest on operating capital <u>9/</u>	Dol	29,633.76	--	0.15	4,564	8.91
Bulls	Head	34	--	--	--	--	Total cash costs	Dol	--	--	--	80,122	156.49
Sales:							Other costs:						
Steer calves	Head	137	450	65.29	40,251	--	Family labor <u>10/</u>	Hrs	2,611.0	--	4.82	12,585	24.58
Heifer calves	Head	101	400	54.44	21,994	--	Capital replacement <u>11/</u>	Dol	--	--	--	23,899	46.68
Yearling steers	Head	71	650	63.06	29,102	--	Interest on investment other than land <u>13/</u>	Dol	--	--	--	54,597	106.63
Yearling heifers	Head	26	600	54.76	8,543	--	Total other costs	Dol	--	--	--	212,339	414.72
Cull cows	Head	65	775	37.71	18,996	--	Total all costs	Dol	--	--	--	383,542	749.11
Total sales	Head	--	--	--	118,886	232.20	Return above cash costs and family labor investment <u>14/</u>	Dol	--	--	--	38,764	75.71
Cash costs:							Return above cash costs and family labor investment <u>15/</u>						
Federal grazing fees <u>3/</u>	AM	3,158.0	--	1.86	5,874	11.47	Return to land <u>15/</u>	Dol	--	--	--	26,179	51.13
Private pasture lease	AUM	1,057.7	--	6.26	6,621	12.93	--	--	--	--	--	2,280	4.45
Other pasture lease <u>4/</u>	AUM	--	--	--	--	--	--	--	--	--	--	-52,317	-102.18
State land lease	AUM	528.9	--	1.40	740	1.45	--	--	--	--	--	--	--
Irrigated pasture	AUM	--	--	--	--	--	--	--	--	--	--	--	--
Hay produced	Ton	--	--	--	--	--	--	--	--	--	--	--	--
Hay purchased	Ton	--	--	--	--	--	--	--	--	--	--	--	--
Feed source:													
National Forest <u>16/</u>	AM	16.0	--	9.0	13.0	134.0	306.0	172.0	172.0	172.0	188.0	141.0	23.0
Bureau of Land Management <u>16/</u>	AM	151.0	151.0	151.0	151.0	151.0	151.0	151.0	151.0	151.0	151.0	151.0	151.0
Pasture rent/lease <u>17/</u>	AUM	80.6	93.2	98.2	114.2	99.8	41.9	84.5	102.3	100.0	95.6	52.6	94.8
State land lease	AUM	40.3	46.6	49.1	57.1	49.9	20.9	42.3	51.2	50.0	47.8	26.3	47.4
Deeded rangeland <u>17/</u>	AUM	282.1	326.2	343.8	399.6	349.4	146.5	295.7	358.0	349.9	334.7	184.1	331.9
Irrigated pasture <u>17/</u>	AUM	--	--	--	--	--	--	--	--	--	--	--	--
Crop residue <u>17/</u>	AUM	--	--	--	--	--	--	--	--	--	--	--	--
Hay	Ton	--	--	--	--	--	--	--	--	--	--	--	--
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--
Protein supplement	Ton	15.0	15.0	15.0	7.5	--	15.0	15.0	--	--	--	--	--
Marketing month:													
Steer calves	Head	--	--	--	--	--	--	--	--	--	137.0	--	--
Heifer calves	Head	--	--	--	--	--	--	--	--	--	101.0	--	--
Yearling steers	Head	--	--	--	--	--	--	--	--	--	71.0	--	--
Yearling heifers	Head	--	--	--	--	--	--	--	--	--	26.0	--	--
Cull cows	Head	--	--	--	--	--	--	--	--	--	65.0	--	--

Table 92--Beef cow enterprises with 100 or more cows, Cibola National Forest, Yearlong Grazing, West-Central New Mexico, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																										
Production:							Cash costs--Continued																																																																																																																																																																																																																																																
Bred cows 1/	Head	493					Protein supplement 5/	Ton	82.5		248.20	20,477	41.54																																																																																																																																																																																																																																										
Annual cow loss	Head	15					Grain	Bu																																																																																																																																																																																																																																															
Cows culled	Head	64					Miscellaneous	Ton																																																																																																																																																																																																																																															
Calves born alive	Head	419					Salt and mineral	Cwt	172.6		5.80	1,001	2.03																																																																																																																																																																																																																																										
Calves lost birth to weaning	Head	17					Veterinary & medicine	Dol				858	1.74																																																																																																																																																																																																																																										
Steer calves weaned	Head	201					Hired trucking	Dol				1,399	2.84																																																																																																																																																																																																																																										
Sold as weaners	Head	135					Marketing 6/	Dol				1,090	2.21																																																																																																																																																																																																																																										
Lost after weaning	Head	1					General overhead 7/	Dol				3,763	7.63																																																																																																																																																																																																																																										
Sold as yearlings	Head	65					Hired labor	Hrs	2,514.0		4.82	12,117	24.58																																																																																																																																																																																																																																										
Heifer calves weaned	Head	201					Fuel and lubricants	Dol				7,252	14.71																																																																																																																																																																																																																																										
Sold as weaners	Head	101					Repairs	Dol				7,586	15.39																																																																																																																																																																																																																																										
Lost after weaning	Head	2					Taxes 8/	Dol				2,695	5.47																																																																																																																																																																																																																																										
Sold as yearlings	Head	19					Insurance	Dol				2,573	5.22																																																																																																																																																																																																																																										
Kept for herd replacement 2/	Head	79					Interest on operating capital 9/	Dol	29,170.3		0.15	4,492	9.11																																																																																																																																																																																																																																										
Bulls	Head	33					Total cash costs	Dol				78,422	159.07																																																																																																																																																																																																																																										
Sales:							Other costs:																																																																																																																																																																																																																																																
Steer calves	Head	135	450	65.29	39,664		Family labor 10/	Hrs	2,514.0		4.82	12,117	24.58																																																																																																																																																																																																																																										
Heifer calves	Head	101	400	54.44	21,994		Capital replacement 11/	Dol				21,717	44.05																																																																																																																																																																																																																																										
Yearling steers	Head	65	650	63.06	26,643		Interest on investment other than land 13/	Dol																																																																																																																																																																																																																																															
Yearling heifers	Head	19	600	54.76	6,243		Interest on land 13/	Dol				54,586	110.72																																																																																																																																																																																																																																										
Cull cows	Head	64	775	37.71	18,704		Total other costs	Dol				303,613	615.85																																																																																																																																																																																																																																										
Total sales	Head				113,248	229.71	Total all costs	Dol				382,035	774.92																																																																																																																																																																																																																																										
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																
Federal grazing fees 3/	AM	4,947.0		1.86	9,201	18.66	Return above cash costs and family labor	Dol				34,826	70.64																																																																																																																																																																																																																																										
Private pasture lease	AUM	562.9		6.26	3,524	7.15	Return to total investment 14/	Dol				992	2.01																																																																																																																																																																																																																																										
Other pasture lease 4/	AUM						Return to land 15/	Dol				-53,594	-108.71																																																																																																																																																																																																																																										
State land lease	AUM	281.4		1.40	394	0.80																																																																																																																																																																																																																																																	
Irrigated pasture	AUM																																																																																																																																																																																																																																																						
Hay produced	Ton																																																																																																																																																																																																																																																						
Hay purchased	Ton																																																																																																																																																																																																																																																						
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td>Feed source:</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>National Forest 16/</td> <td>254.0</td><td>254.0</td><td>254.0</td><td>254.0</td><td>250.0</td><td>243.0</td><td>238.0</td><td>238.0</td><td>238.0</td><td>241.0</td><td>245.0</td><td>258.0</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>165.0</td><td>165.0</td><td>165.0</td><td>165.0</td><td>165.0</td><td>165.0</td><td>165.0</td><td>165.0</td><td>165.0</td><td>165.0</td><td>165.0</td><td>165.0</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>25.2</td><td>28.6</td><td>30.3</td><td>41.3</td><td>57.7</td><td>48.6</td><td>54.0</td><td>71.6</td><td>70.8</td><td>69.9</td><td>24.9</td><td>40.0</td> </tr> <tr> <td>State land lease</td> <td>12.6</td><td>14.3</td><td>15.1</td><td>20.6</td><td>28.9</td><td>24.3</td><td>27.0</td><td>35.8</td><td>35.4</td><td>35.0</td><td>12.4</td><td>20.0</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>88.2</td><td>100.2</td><td>105.9</td><td>144.4</td><td>202.0</td><td>170.0</td><td>189.1</td><td>250.8</td><td>247.8</td><td>244.8</td><td>86.8</td><td>140.0</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>Crop residue 17/</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>Hay</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>Grain</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>Protein supplement</td> <td>15.0</td><td>15.0</td><td>15.0</td><td>7.5</td><td></td><td>15.0</td><td>15.0</td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>Marketing month:</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>Steer calves</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>135.0</td><td></td><td></td> </tr> <tr> <td>Heifer calves</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>101.0</td><td></td><td></td> </tr> <tr> <td>Yearling steers</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>65.0</td><td></td><td></td> </tr> <tr> <td>Yearling heifers</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>19.0</td><td></td><td></td> </tr> <tr> <td>Cull cows</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>64.0</td><td></td><td></td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:													National Forest 16/	254.0	254.0	254.0	254.0	250.0	243.0	238.0	238.0	238.0	241.0	245.0	258.0	Bureau of Land Management 16/	165.0	165.0	165.0	165.0	165.0	165.0	165.0	165.0	165.0	165.0	165.0	165.0	Pasture rent/lease 17/	25.2	28.6	30.3	41.3	57.7	48.6	54.0	71.6	70.8	69.9	24.9	40.0	State land lease	12.6	14.3	15.1	20.6	28.9	24.3	27.0	35.8	35.4	35.0	12.4	20.0	Deeded rangeland 17/	88.2	100.2	105.9	144.4	202.0	170.0	189.1	250.8	247.8	244.8	86.8	140.0	Irrigated pasture 17/													Crop residue 17/													Hay													Grain													Protein supplement	15.0	15.0	15.0	7.5		15.0	15.0						Marketing month:													Steer calves										135.0			Heifer calves										101.0			Yearling steers										65.0			Yearling heifers										19.0			Cull cows										64.0		
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																											
Feed source:																																																																																																																																																																																																																																																							
National Forest 16/	254.0	254.0	254.0	254.0	250.0	243.0	238.0	238.0	238.0	241.0	245.0	258.0																																																																																																																																																																																																																																											
Bureau of Land Management 16/	165.0	165.0	165.0	165.0	165.0	165.0	165.0	165.0	165.0	165.0	165.0	165.0																																																																																																																																																																																																																																											
Pasture rent/lease 17/	25.2	28.6	30.3	41.3	57.7	48.6	54.0	71.6	70.8	69.9	24.9	40.0																																																																																																																																																																																																																																											
State land lease	12.6	14.3	15.1	20.6	28.9	24.3	27.0	35.8	35.4	35.0	12.4	20.0																																																																																																																																																																																																																																											
Deeded rangeland 17/	88.2	100.2	105.9	144.4	202.0	170.0	189.1	250.8	247.8	244.8	86.8	140.0																																																																																																																																																																																																																																											
Irrigated pasture 17/																																																																																																																																																																																																																																																							
Crop residue 17/																																																																																																																																																																																																																																																							
Hay																																																																																																																																																																																																																																																							
Grain																																																																																																																																																																																																																																																							
Protein supplement	15.0	15.0	15.0	7.5		15.0	15.0																																																																																																																																																																																																																																																
Marketing month:																																																																																																																																																																																																																																																							
Steer calves										135.0																																																																																																																																																																																																																																													
Heifer calves										101.0																																																																																																																																																																																																																																													
Yearling steers										65.0																																																																																																																																																																																																																																													
Yearling heifers										19.0																																																																																																																																																																																																																																													
Cull cows										64.0																																																																																																																																																																																																																																													

Table 93--Beef cow enterprises with 100 or more cows, Cibola National Forest, Winter-Spring Grazing, West-Central New Mexico, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow
Production:							Cash costs--Continued						
Bred cows 1/	Head	297	--	--	--	--	Protein supplement 5/	Ton	48.9	--	248.20	12,137	40.87
Annual cow loss	Head	9	--	--	--	--	Grain	Bu	--	--	--	--	--
Cows culled	Head	30	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--
Calves born alive	Head	252	--	--	--	--	Salt and mineral	Cwt	104.0	--	5.80	603	2.03
Calves lost birth to weaning	Head	10	--	--	--	--	Veterinary & medicine	Dol	--	--	--	775	2.61
Steer calves weaned	Head	121	--	--	--	--	Hired trucking	Dol	--	--	--	671	2.26
Sold as weaners	Head	79	--	--	--	--	Marketing 6/	Dol	--	--	--	878	2.96
Lost after weaning	Head	1	--	--	--	--	General overhead 7/	Dol	--	--	--	2,120	7.14
Sold as yearlings	Head	41	--	--	--	--	Hired labor	Hrs	1,616.0	--	4.82	7,789	26.23
Heifer calves weaned	Head	121	--	--	--	--	Fuel and lubricants	Dol	--	--	--	4,376	14.73
Sold as weaners	Head	57	--	--	--	--	Repairs	Dol	--	--	--	4,597	15.48
Lost after weaning	Head	1	--	--	--	--	Taxes 8/	Dol	--	--	--	1,607	5.41
Sold as yearlings	Head	24	--	--	--	--	Insurance	Dol	--	--	--	1,458	4.91
Kept for herd replacement 2/	Head	39	--	--	--	--	Interest on operating capital 9/	Dol	17,841.9	--	0.15	2,748	9.25
Bulls	Head	20	--	--	--	--	Total cash costs	Dol	--	--	--	47,700	160.61
Sales:							Other costs:						
Steer calves	Head	79	450	65.29	23,211	--	Family labor 10/	Hrs	1,616.0	--	4.82	7,789	26.23
Heifer calves	Head	57	400	54.44	12,412	--	Capital replacement 11/	Dol	--	--	--	13,153	44.29
Yearling steers	Head	41	650	63.06	16,805	--	Interest on investment other than land 13/	Dol	--	--	--	29,341	98.79
Yearling heifers	Head	24	600	54.76	7,885	--	Interest on land 13/	Dol	--	--	--	126,532	426.03
Cull cows	Head	30	775	37.71	8,768	--	Total other costs	Dol	--	--	--	176,815	595.34
Total sales	Head	--	--	--	69,081	232.60	Total all costs	Dol	--	--	--	224,515	755.94
Cash costs:							Return above cash costs:						
Federal grazing fees 3/	AM	2,507.0	--	1.86	4,663	15.70	Return above cash costs and family labor	Dol	--	--	--	21,381	71.99
Private pasture lease	AUM	470.9	--	6.26	2,948	9.93	Return to total investment 14/	Dol	--	--	--	13,592	45.76
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	439	1.48
State land lease	AUM	235.5	--	1.40	330	1.11					--	-28,902	-97.31
Irrigated pasture	AUM	--	--	--	--	--							
Hay produced	Ton	--	--	--	--	--							
Hay purchased	Ton	--	--	--	--	--							
Feed source:													
National Forest 16/	AM	135.0	135.0	135.0	125.0	111.0	70.0	51.0	59.0	33.0	63.0	135.0	135.0
Bureau of Land Management 16/	AM	110.0	110.0	110.0	110.0	110.0	110.0	110.0	110.0	110.0	110.0	110.0	110.0
Pasture rent/lease 17/	AUM	17.0	19.3	20.2	29.5	42.7	48.4	56.3	64.5	69.8	61.7	15.4	26.1
State land lease	AUM	8.5	9.6	10.1	14.7	21.4	24.2	28.2	32.2	34.9	30.8	7.7	13.2
Deeded rangeland 17/	AUM	59.4	67.4	70.6	103.2	149.5	169.5	197.0	225.6	244.3	215.9	53.9	91.7
Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--
Hay	Ton	--	--	--	--	--	--	--	--	--	--	--	--
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--
Protein supplement	Ton	8.9	8.9	8.9	4.4	--	8.9	8.9	--	--	--	--	--
Marketing month:													
Steer calves	Head	--	--	--	--	--	--	--	--	--	79.0	--	--
Heifer calves	Head	--	--	--	--	--	--	--	--	--	57.0	--	--
Yearling steers	Head	--	--	--	--	--	--	--	--	--	41.0	--	--
Yearling heifers	Head	--	--	--	--	--	--	--	--	--	24.0	--	--
Cull cows	Head	--	--	--	--	--	--	--	--	--	30.0	--	--

Table 94--Beef cow enterprises with up to 199 cows, Coconino National Forest, Central Arizona, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																																											
Production:							Cash costs--Continued																																																																																																																																																																																																																																																																	
Bred cows 1/	Head	73	--	--	--	--	Protein supplement 5/	Ton	--	--	--	--	--																																																																																																																																																																																																																																																											
Annual cow loss	Head	1	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																																											
Cows culled	Head	5	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--																																																																																																																																																																																																																																																											
Calves born alive	Head	64	--	--	--	--	Salt and mineral	Cwt	25.5	--	4.88	124	1.70																																																																																																																																																																																																																																																											
Calves lost birth to weaning	Head	1	--	--	--	--	Veterinary & medicine	Dol	--	--	--	206	2.82																																																																																																																																																																																																																																																											
Steer calves weaned	Head	31	--	--	--	--	Hired trucking	Dol	--	--	--	137	1.88																																																																																																																																																																																																																																																											
Sold as weaners	Head	31	--	--	--	--	Marketing 6/	Dol	--	--	--	240	3.29																																																																																																																																																																																																																																																											
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	Dol	--	--	--	657	9.00																																																																																																																																																																																																																																																											
Sold as yearlings	Head	--	--	--	--	--	Hired labor	Hrs	263.0	--	4.82	1,268	17.37																																																																																																																																																																																																																																																											
Heifer calves weaned	Head	32	--	--	--	--	Fuel and lubricants	Dol	--	--	--	1,010	13.84																																																																																																																																																																																																																																																											
Sold as weaners	Head	24	--	--	--	--	Repairs	Dol	--	--	--	881	12.07																																																																																																																																																																																																																																																											
Lost after weaning	Head	--	--	--	--	--	Taxes 8/	Dol	--	--	--	799	10.95																																																																																																																																																																																																																																																											
Sold as yearlings	Head	2	--	--	--	--	Insurance	Dol	--	--	--	356	4.88																																																																																																																																																																																																																																																											
Kept for herd replacement 2/	Head	6	--	--	--	--	Interest on operating capital 9/	Dol	1,941.1	--	0.15	287	3.93																																																																																																																																																																																																																																																											
Bulls	Head	6	--	--	--	--	Total cash costs	Dol	--	--	--	7,139	97.80																																																																																																																																																																																																																																																											
Sales:							Other costs:																																																																																																																																																																																																																																																																	
Steer calves	Head	31	480	65.67	9,772	--	Family labor 10/	Hrs	787.0	--	4.82	3,793	51.96																																																																																																																																																																																																																																																											
Heifer calves	Head	24	450	54.60	5,897	--	Capital replacement 11/	Dol	--	--	--	4,154	56.91																																																																																																																																																																																																																																																											
Yearling steers	Head	--	--	--	--	--	Interest on investment other than land 13/	Dol	--	--	--	7,805	106.92																																																																																																																																																																																																																																																											
Yearling heifers	Head	2	675	53.95	728	--	Interest on land 13/	Dol	--	--	--	36,958	506.27																																																																																																																																																																																																																																																											
Cull cows	Head	5	1,100	37.71	2,074	--	Total other costs	Dol	--	--	--	52,710	722.06																																																																																																																																																																																																																																																											
Total sales	Head	--	--	--	18,471	253.03	Total all costs	Dol	--	--	--	59,849	819.85																																																																																																																																																																																																																																																											
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																																	
Federal grazing fees 3/	AM	616.0	--	1.86	1,146	15.70	Return above cash costs:	Dol	--	--	--	11,332	155.23																																																																																																																																																																																																																																																											
Private pasture lease	AUM	--	--	--	--	--	Return above cash costs:	Dol	--	--	--	7,539	103.27																																																																																																																																																																																																																																																											
Other pasture lease 4/	AUM	--	--	--	--	--	Return to total investment 14/	Dol	--	--	--	3,385	46.37																																																																																																																																																																																																																																																											
State land lease	AUM	27.0	--	1.02	28	0.38	Return to land 15/	Dol	--	--	--	-4,420	-60.55																																																																																																																																																																																																																																																											
Irrigated pasture	AUM	--	--	--	--	--																																																																																																																																																																																																																																																																		
Hay produced	Ton	--	--	--	--	--																																																																																																																																																																																																																																																																		
Hay purchased	Ton	--	--	--	--	--																																																																																																																																																																																																																																																																		
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td colspan="14">Feed source:</td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>43.0</td> <td>42.0</td> <td>42.0</td> <td>42.0</td> <td>45.0</td> <td>61.0</td> <td>61.0</td> <td>61.0</td> <td>61.0</td> <td>64.0</td> <td>47.0</td> <td>47.0</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>2.3</td> <td>2.6</td> <td>2.8</td> <td>2.9</td> <td>3.0</td> <td>2.0</td> <td>2.0</td> <td>2.1</td> <td>1.9</td> <td>1.4</td> <td>2.0</td> <td>2.0</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>38.7</td> <td>43.2</td> <td>46.8</td> <td>49.4</td> <td>51.0</td> <td>34.1</td> <td>34.1</td> <td>35.1</td> <td>32.6</td> <td>23.2</td> <td>35.0</td> <td>35.0</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td colspan="14">Marketing month:</td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>31.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>24.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>2.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>5.0</td> <td>--</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:														National Forest 16/	AM	43.0	42.0	42.0	42.0	45.0	61.0	61.0	61.0	61.0	64.0	47.0	47.0	Bureau of Land Management 16/	AM	--	--	--	--	--	--	--	--	--	--	--	--	Pasture rent/lease 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--	State land lease	AUM	2.3	2.6	2.8	2.9	3.0	2.0	2.0	2.1	1.9	1.4	2.0	2.0	Deeded rangeland 17/	AUM	38.7	43.2	46.8	49.4	51.0	34.1	34.1	35.1	32.6	23.2	35.0	35.0	Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--	Hay	Ton	--	--	--	--	--	--	--	--	--	--	--	--	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--	--	Marketing month:														Steer calves	Head	--	--	--	--	--	--	--	--	--	31.0	--	--	Heifer calves	Head	--	--	--	--	--	--	--	--	--	24.0	--	--	Yearling steers	Head	--	--	--	--	--	--	--	--	--	--	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	--	--	2.0	--	--	Cull cows	Head	--	--	--	--	--	--	--	--	--	5.0	--	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																																												
Feed source:																																																																																																																																																																																																																																																																								
National Forest 16/	AM	43.0	42.0	42.0	42.0	45.0	61.0	61.0	61.0	61.0	64.0	47.0	47.0																																																																																																																																																																																																																																																											
Bureau of Land Management 16/	AM	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																											
Pasture rent/lease 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																											
State land lease	AUM	2.3	2.6	2.8	2.9	3.0	2.0	2.0	2.1	1.9	1.4	2.0	2.0																																																																																																																																																																																																																																																											
Deeded rangeland 17/	AUM	38.7	43.2	46.8	49.4	51.0	34.1	34.1	35.1	32.6	23.2	35.0	35.0																																																																																																																																																																																																																																																											
Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																											
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																											
Hay	Ton	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																											
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																											
Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																											
Marketing month:																																																																																																																																																																																																																																																																								
Steer calves	Head	--	--	--	--	--	--	--	--	--	31.0	--	--																																																																																																																																																																																																																																																											
Heifer calves	Head	--	--	--	--	--	--	--	--	--	24.0	--	--																																																																																																																																																																																																																																																											
Yearling steers	Head	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																											
Yearling heifers	Head	--	--	--	--	--	--	--	--	--	2.0	--	--																																																																																																																																																																																																																																																											
Cull cows	Head	--	--	--	--	--	--	--	--	--	5.0	--	--																																																																																																																																																																																																																																																											

Table 95--Beef cow enterprises with 200 or more cows, Coconino National Forest, Central Arizona, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow
Production:							::Cash costs--Continued						
Bred cows 1/	Head	749	--	--	--	--	Protein supplement 5/	Ton	--	--	--	--	--
Annual cow loss	Head	15	--	--	--	--	Grain	Bu	--	--	--	--	--
Cows culled	Head	53	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--
Calves born alive	Head	652	--	--	--	--	Salt and mineral	Cwt	262.2	--	4.88	1,280	1.71
Calves lost birth to weaning	Head	13	--	--	--	--	Veterinary & medicine	Dol	--	--	--	1,304	1.74
Steer calves weaned	Head	319	--	--	--	--	Hired trucking	Dol	--	--	--	2,123	2.84
Sold as weaners	Head	319	--	--	--	--	Marketing 6/	Dol	--	--	--	1,555	2.08
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	Dol	--	--	--	5,700	7.61
Sold as yearlings	Head	--	--	--	--	--	Hired labor	Hrs	5,355.0	--	4.82	25,811	34.46
Heifer calves weaned	Head	320	--	--	--	--	Fuel and lubricants	Dol	--	--	--	2,103	2.81
Sold as weaners	Head	235	--	--	--	--	Repairs	Dol	--	--	--	2,902	3.88
Lost after weaning	Head	2	--	--	--	--	Taxes 8/	Dol	--	--	--	2,673	3.57
Sold as yearlings	Head	15	--	--	--	--	Insurance	Dol	--	--	--	3,110	4.15
Kept for herd replacement 2/	Head	68	--	--	--	--	Interest on operating capital 9/	Dol	18,970.7	--	0.15	2,808	3.75
Bulls	Head	58	--	--	--	--	Total cash costs	Dol	--	--	--	60,767	81.13
							::Other costs:						
Sales:							::Family labor 10/						
Steer calves	Head	319	480	65.67	100,554	--	Capital replacement 11/	Dol	--	--	--	21,945	29.30
Heifer calves	Head	235	450	54.60	57,740	--	Interest on investment other than land 13/	Dol	--	--	--	65,600	87.58
Yearling steers	Head	--	--	--	--	--	Interest on land 13/	Dol	--	--	--	125,610	167.70
Yearling heifers	Head	15	675	53.95	5,462	--	Total other costs	Dol	--	--	--	221,759	296.07
Cull cows	Head	53	1,100	37.71	21,985	--	Total all costs	Dol	--	--	--	282,526	377.21
Total sales	Head	--	--	--	185,741	247.99	::Return above cash costs:						
Cash costs:							::Return above cash costs:						
Federal grazing fees 3/	AM	4,850.0	--	1.86	9,021	12.04	and family labor	Dol	--	--	--	116,370	155.37
Private pasture lease	AUM	--	--	--	--	--	Return to total investment 14/	Dol	--	--	--	94,425	126.07
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	28,825	38.49
State land lease	AUM	369.8	--	1.02	377	0.50							
Irrigated pasture	AUM	--	--	--	--	--							
Hay produced	Ton	--	--	--	--	--							
Hay purchased	Ton	--	--	--	--	--							
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Feed source:													
National Forest 16/	AM	322.0	322.0	310.0	320.0	320.0	506.0	548.0	548.0	549.0	486.0	297.0	322.0
Bureau of Land Management 16/	AM	--	--	--	--	--	--	--	--	--	--	--	--
Pasture rent/lease 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--
State land lease	AUM	29.7	32.2	35.4	37.3	41.2	29.2	26.3	26.5	25.2	26.2	30.9	29.7
Deeded rangeland 17/	AUM	504.4	548.6	602.7	634.8	699.2	496.8	446.7	450.5	428.1	446.6	524.2	504.4
Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--
Hay	Ton	--	--	--	--	--	--	--	--	--	--	--	--
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--
Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--	--
Marketing month:													
Steer calves	Head	--	--	--	--	--	--	--	--	--	319.0	--	--
Heifer calves	Head	--	--	--	--	--	--	--	--	--	235.0	--	--
Yearling steers	Head	--	--	--	--	--	--	--	--	--	--	--	--
Yearling heifers	Head	--	--	--	--	--	--	--	--	--	15.0	--	--
Cull cows	Head	--	--	--	--	--	--	--	--	--	53.0	--	--

Table 96--Beef cow enterprises with up to 99 cows, Coronado National Forest, Southeastern Arizona, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																										
Production:							Cash costs--Continued																																																																																																																																																																																																																																																
Bred cows <u>1/</u>	Head	48	--	--	--	--	Protein supplement <u>5/</u>	Ton	--	--	--	--	--																																																																																																																																																																																																																																										
Annual cow loss	Head	1	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																										
Cows culled	Head	6	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--																																																																																																																																																																																																																																										
Calves born alive	Head	42	--	--	--	--	Salt and mineral	Cwt	16.8	--	4.88	82	1.71																																																																																																																																																																																																																																										
Calves lost birth to weaning	Head	1	--	--	--	--	Veterinary & medicine	Dol	--	--	--	268	5.58																																																																																																																																																																																																																																										
Steer calves weaned	Head	20	--	--	--	--	Hired trucking	Dol	--	--	--	84	1.75																																																																																																																																																																																																																																										
Sold as weaners	Head	20	--	--	--	--	Marketing <u>6/</u>	Dol	--	--	--	252	5.25																																																																																																																																																																																																																																										
Lost after weaning	Head	--	--	--	--	--	General overhead <u>7/</u>	Dol	--	--	--	520	10.83																																																																																																																																																																																																																																										
Sold as yearlings	Head	--	--	--	--	--	Hired labor	Hrs	204.0	--	4.82	983	20.48																																																																																																																																																																																																																																										
Heifer calves weaned	Head	21	--	--	--	--	Fuel and lubricants	Dol	--	--	--	597	12.44																																																																																																																																																																																																																																										
Sold as weaners	Head	12	--	--	--	--	Repairs	Dol	--	--	--	565	11.77																																																																																																																																																																																																																																										
Lost after weaning	Head	--	--	--	--	--	Taxes <u>8/</u>	Dol	--	--	--	107	2.23																																																																																																																																																																																																																																										
Sold as yearlings	Head	2	--	--	--	--	Insurance	Dol	--	--	--	213	4.44																																																																																																																																																																																																																																										
Kept for herd replacement <u>2/</u>	Head	7	--	--	--	--	Interest on operating capital <u>9/</u>	Dol	1,806.3	--	0.15	267	5.56																																																																																																																																																																																																																																										
Bulls	Head	3	--	--	--	--	Total cash costs	Dol	--	--	--	5,463	113.81																																																																																																																																																																																																																																										
Sales:							Other costs:																																																																																																																																																																																																																																																
Steer calves	Head	20	375	71.00	5,325	--	Family labor <u>10/</u>	Hrs	575.5	--	4.82	2,774	57.79																																																																																																																																																																																																																																										
Heifer calves	Head	12	350	56.00	2,352	--	Capital replacement <u>11/</u>	Dol	--	--	--	2,260	47.08																																																																																																																																																																																																																																										
Yearling steers	Head	--	--	--	--	--	Interest on investment other than land <u>13/</u>	Dol	--	--	--	4,949	103.10																																																																																																																																																																																																																																										
Yearling heifers	Head	2	550	54.06	595	--	Interest on land <u>13/</u>	Dol	--	--	--	1,196	24.92																																																																																																																																																																																																																																										
Cull cows	Head	6	850	37.71	1,923	--	Total other costs	Dol	--	--	--	11,179	232.90																																																																																																																																																																																																																																										
Total sales	Head	--	--	--	10,195	212.40	Total all costs	Dol	--	--	--	16,642	346.71																																																																																																																																																																																																																																										
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																
Federal grazing fees <u>3/</u>	AM	561.0	--	1.86	1,043	21.73	Return above cash costs and family labor investment <u>14/</u>	Dol	--	--	--	1,958	40.79																																																																																																																																																																																																																																										
Private pasture lease	AUM	--	--	--	--	--	Return to land <u>15/</u>	Dol	--	--	--	-302	-6.29																																																																																																																																																																																																																																										
Other pasture lease <u>4/</u>	AUM	--	--	--	--	--	Return to land <u>15/</u>	Dol	--	--	--	-5,251	-109.40																																																																																																																																																																																																																																										
State land lease	AUM	62.0	--	1.02	63	1.31																																																																																																																																																																																																																																																	
Irrigated pasture	AUM	--	--	--	--	--																																																																																																																																																																																																																																																	
Hay produced	Ton	--	--	--	--	--																																																																																																																																																																																																																																																	
Hay purchased	Ton	7.0	--	59.83	419	8.73																																																																																																																																																																																																																																																	
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td>Feed source:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>National Forest <u>16/</u></td> <td>AM</td> <td>50.0</td> <td>48.0</td> <td>43.0</td> <td>--</td> <td>43.0</td> <td>40.0</td> <td>41.0</td> <td>41.0</td> <td>43.0</td> <td>42.0</td> <td>56.0</td> </tr> <tr> <td>Bureau of Land Management <u>16/</u></td> <td>AM</td> <td>--</td> <td>3.0</td> <td>8.0</td> <td>--</td> <td>13.0</td> <td>17.0</td> <td>17.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Pasture rent/lease <u>17/</u></td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>24.0</td> <td>20.0</td> <td>18.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland <u>17/</u></td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>68.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Irrigated pasture <u>17/</u></td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue <u>17/</u></td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>2.0</td> <td>2.0</td> <td>2.0</td> <td>1.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Marketing month:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>20.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>12.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>2.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>6.0</td> <td>--</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:													National Forest <u>16/</u>	AM	50.0	48.0	43.0	--	43.0	40.0	41.0	41.0	43.0	42.0	56.0	Bureau of Land Management <u>16/</u>	AM	--	3.0	8.0	--	13.0	17.0	17.0	--	--	--	--	Pasture rent/lease <u>17/</u>	AUM	--	--	--	--	--	--	--	--	--	--	--	State land lease	AUM	--	--	--	--	--	--	24.0	20.0	18.0	--	--	Deeded rangeland <u>17/</u>	AUM	--	--	--	68.0	--	--	--	--	--	--	--	Irrigated pasture <u>17/</u>	AUM	--	--	--	--	--	--	--	--	--	--	--	Crop residue <u>17/</u>	AUM	--	--	--	--	--	--	--	--	--	--	--	Hay	Ton	2.0	2.0	2.0	1.0	--	--	--	--	--	--	--	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--	Marketing month:													Steer calves	Head	--	--	--	--	--	--	--	--	20.0	--	--	Heifer calves	Head	--	--	--	--	--	--	--	--	12.0	--	--	Yearling steers	Head	--	--	--	--	--	--	--	--	--	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	--	2.0	--	--	Cull cows	Head	--	--	--	--	--	--	--	--	6.0	--	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																											
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National Forest <u>16/</u>	AM	50.0	48.0	43.0	--	43.0	40.0	41.0	41.0	43.0	42.0	56.0																																																																																																																																																																																																																																											
Bureau of Land Management <u>16/</u>	AM	--	3.0	8.0	--	13.0	17.0	17.0	--	--	--	--																																																																																																																																																																																																																																											
Pasture rent/lease <u>17/</u>	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
State land lease	AUM	--	--	--	--	--	--	24.0	20.0	18.0	--	--																																																																																																																																																																																																																																											
Deeded rangeland <u>17/</u>	AUM	--	--	--	68.0	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Irrigated pasture <u>17/</u>	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Crop residue <u>17/</u>	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Hay	Ton	2.0	2.0	2.0	1.0	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Marketing month:																																																																																																																																																																																																																																																							
Steer calves	Head	--	--	--	--	--	--	--	--	20.0	--	--																																																																																																																																																																																																																																											
Heifer calves	Head	--	--	--	--	--	--	--	--	12.0	--	--																																																																																																																																																																																																																																											
Yearling steers	Head	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Yearling heifers	Head	--	--	--	--	--	--	--	--	2.0	--	--																																																																																																																																																																																																																																											
Cull cows	Head	--	--	--	--	--	--	--	--	6.0	--	--																																																																																																																																																																																																																																											

Table 97--Beef cow enterprises with 100-299 cows, Coronado National Forest, Southeastern Arizona, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																										
Production:							Cash costs--Continued:																																																																																																																																																																																																																																																
Bred cows 1/	Head	182	--	--	--	--	Protein supplement 5/	Ton	3.0	--	232.80	698	3.84																																																																																																																																																																																																																																										
Annual cow loss	Head	4	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																										
Cows culled	Head	21	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--																																																																																																																																																																																																																																										
Calves born alive	Head	155	--	--	--	--	Salt and mineral	Cwt	63.7	--	4.88	311	1.71																																																																																																																																																																																																																																										
Calves lost birth to weaning	Head	5	--	--	--	--	Veterinary & medicine	Dol	--	--	--	571	3.14																																																																																																																																																																																																																																										
Steer calves weaned	Head	75	--	--	--	--	Hired trucking	Dol	--	--	--	78	0.43																																																																																																																																																																																																																																										
Sold as weaners	Head	75	--	--	--	--	Marketing 6/	Dol	--	--	--	--	--																																																																																																																																																																																																																																										
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	Dol	--	--	--	2,357	12.95																																																																																																																																																																																																																																										
Sold as yearlings	Head	--	--	--	--	--	Hired labor	Hrs	--	--	--	--	--																																																																																																																																																																																																																																										
Heifer calves weaned	Head	75	--	--	--	--	Fuel and lubricants	Dol	--	--	--	2,264	12.44																																																																																																																																																																																																																																										
Sold as weaners	Head	45	--	--	--	--	Repairs	Dol	--	--	--	1,914	10.52																																																																																																																																																																																																																																										
Lost after weaning	Head	--	--	--	--	--	Taxes 8/	Dol	--	--	--	375	2.06																																																																																																																																																																																																																																										
Sold as yearlings	Head	5	--	--	--	--	Insurance	Dol	--	--	--	810	4.45																																																																																																																																																																																																																																										
Kept for herd replacement 2/	Head	25	--	--	--	--	Interest on operating capital 9/	Dol	4,902.5	--	0.15	726	3.99																																																																																																																																																																																																																																										
Bulls	Head	13	--	--	--	--	Total cash costs	Dol	--	--	--	16,674	91.62																																																																																																																																																																																																																																										
Sales:							Other costs:																																																																																																																																																																																																																																																
Steer calves	Head	75	375	71.00	19,969	--	Family labor 10/	Hrs	2,139.5	--	4.82	10,312	56.66																																																																																																																																																																																																																																										
Heifer calves	Head	75	350	56.00	14,700	--	Capital replacement 11/	Dol	--	--	--	7,683	42.21																																																																																																																																																																																																																																										
Yearling steers	Head	--	--	--	--	--	Interest on investment other than land 13/	Dol	--	--	--	17,808	97.85																																																																																																																																																																																																																																										
Yearling heifers	Head	5	550	54.06	1,487	--	Interest on land 13/	Dol	--	--	--	6,120	33.63																																																																																																																																																																																																																																										
Cull cows	Head	21	850	37.71	6,731	--	Total other costs	Dol	--	--	--	41,923	230.35																																																																																																																																																																																																																																										
Total sales	Head	--	--	--	42,887	235.64	Total all costs	Dol	--	--	--	58,597	321.96																																																																																																																																																																																																																																										
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																
Federal grazing fees 3/	AM	1,680.0	--	1.86	3,125	17.17	Return above cash costs and family labor	Dol	--	--	--	26,213	144.03																																																																																																																																																																																																																																										
Private pasture lease 4/	AUM	316.0	--	6.26	1,978	10.87	Return to total investment 14/	Dol	--	--	--	15,901	87.37																																																																																																																																																																																																																																										
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	8,218	45.15																																																																																																																																																																																																																																										
State land lease	AUM	382.0	--	1.02	390	2.14	Return to land 15/	Dol	--	--	--	-9,590	-52.69																																																																																																																																																																																																																																										
Irrigated pasture	AUM	--	--	--	--	--																																																																																																																																																																																																																																																	
Hay produced	Ton	--	--	--	--	--																																																																																																																																																																																																																																																	
Hay purchased	Ton	18.0	--	59.83	1,077	5.92																																																																																																																																																																																																																																																	
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td>Feed source:</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>National Forest 16/</td> <td>141.0</td><td>125.0</td><td>113.0</td><td>119.0</td><td>115.0</td><td>110.0</td><td>110.0</td><td>110.0</td><td>115.0</td><td>115.0</td><td>155.0</td><td>155.0</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>54.0</td><td>66.0</td><td>77.0</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>157.0</td><td>159.0</td><td>--</td><td>--</td><td>--</td><td>--</td> </tr> <tr> <td>State land lease</td> <td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>142.0</td><td>128.0</td><td>55.0</td><td>57.0</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>--</td><td>--</td><td>--</td><td>100.0</td><td>135.0</td><td>154.0</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td> </tr> <tr> <td>Hay</td> <td>5.0</td><td>5.0</td><td>5.0</td><td>3.0</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td> </tr> <tr> <td>Grain</td> <td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td> </tr> <tr> <td>Protein supplement</td> <td>--</td><td>1.0</td><td>1.0</td><td>1.0</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td> </tr> <tr> <td>Marketing month:</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>Steer calves</td> <td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>75.0</td><td>--</td><td>--</td> </tr> <tr> <td>Heifer calves</td> <td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>75.0</td><td>--</td><td>--</td> </tr> <tr> <td>Yearling steers</td> <td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>5.0</td><td>--</td><td>--</td> </tr> <tr> <td>Cull cows</td> <td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>21.0</td><td>--</td><td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:													National Forest 16/	141.0	125.0	113.0	119.0	115.0	110.0	110.0	110.0	115.0	115.0	155.0	155.0	Bureau of Land Management 16/	54.0	66.0	77.0	--	--	--	--	--	--	--	--	--	Pasture rent/lease 17/	--	--	--	--	--	--	157.0	159.0	--	--	--	--	State land lease	--	--	--	--	--	--	--	--	142.0	128.0	55.0	57.0	Deeded rangeland 17/	--	--	--	100.0	135.0	154.0	--	--	--	--	--	--	Irrigated pasture 17/	--	--	--	--	--	--	--	--	--	--	--	--	Crop residue 17/	--	--	--	--	--	--	--	--	--	--	--	--	Hay	5.0	5.0	5.0	3.0	--	--	--	--	--	--	--	--	Grain	--	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	--	1.0	1.0	1.0	--	--	--	--	--	--	--	--	Marketing month:													Steer calves	--	--	--	--	--	--	--	--	--	75.0	--	--	Heifer calves	--	--	--	--	--	--	--	--	--	75.0	--	--	Yearling steers	--	--	--	--	--	--	--	--	--	--	--	--	Yearling heifers	--	--	--	--	--	--	--	--	--	5.0	--	--	Cull cows	--	--	--	--	--	--	--	--	--	21.0	--	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																											
Feed source:																																																																																																																																																																																																																																																							
National Forest 16/	141.0	125.0	113.0	119.0	115.0	110.0	110.0	110.0	115.0	115.0	155.0	155.0																																																																																																																																																																																																																																											
Bureau of Land Management 16/	54.0	66.0	77.0	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Pasture rent/lease 17/	--	--	--	--	--	--	157.0	159.0	--	--	--	--																																																																																																																																																																																																																																											
State land lease	--	--	--	--	--	--	--	--	142.0	128.0	55.0	57.0																																																																																																																																																																																																																																											
Deeded rangeland 17/	--	--	--	100.0	135.0	154.0	--	--	--	--	--	--																																																																																																																																																																																																																																											
Irrigated pasture 17/	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Crop residue 17/	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Hay	5.0	5.0	5.0	3.0	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Grain	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Protein supplement	--	1.0	1.0	1.0	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Marketing month:																																																																																																																																																																																																																																																							
Steer calves	--	--	--	--	--	--	--	--	--	75.0	--	--																																																																																																																																																																																																																																											
Heifer calves	--	--	--	--	--	--	--	--	--	75.0	--	--																																																																																																																																																																																																																																											
Yearling steers	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Yearling heifers	--	--	--	--	--	--	--	--	--	5.0	--	--																																																																																																																																																																																																																																											
Cull cows	--	--	--	--	--	--	--	--	--	21.0	--	--																																																																																																																																																																																																																																											

Table 98--Beef cow enterprises with 300 or more cows, Coronado National Forest, Southeastern Arizona, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																										
Production:							Cash costs--Continued																																																																																																																																																																																																																																																
Bred cows 1/	Head	533	--	--	--	--	Protein supplement 5/	Ton	21.0	--	232.80	4,889	9.17																																																																																																																																																																																																																																										
Annual cow loss	Head	16	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																										
Cows culled	Head	59	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--																																																																																																																																																																																																																																										
Calves born alive	Head	442	--	--	--	--	Salt and mineral	Cwt	187.0	--	4.88	913	1.71																																																																																																																																																																																																																																										
Calves lost birth to weaning	Head	13	--	--	--	--	Veterinary & medicine	Dol	--	--	--	2,060	3.86																																																																																																																																																																																																																																										
Steer calves weaned	Head	214	--	--	--	--	Hired trucking	Dol	--	--	--	1,359	2.55																																																																																																																																																																																																																																										
Sold as weaners	Head	214	--	--	--	--	Marketing 6/	Dol	--	--	--	1,391	2.61																																																																																																																																																																																																																																										
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	Dol	--	--	--	3,294	6.18																																																																																																																																																																																																																																										
Sold as yearlings	Head	--	--	--	--	--	Hired labor	Hrs	4,876.0	--	4.82	23,502	44.09																																																																																																																																																																																																																																										
Heifer calves weaned	Head	215	--	--	--	--	Fuel and lubricants	Dol	--	--	--	2,620	4.92																																																																																																																																																																																																																																										
Sold as weaners	Head	121	--	--	--	--	Repairs	Dol	--	--	--	3,215	6.03																																																																																																																																																																																																																																										
Lost after weaning	Head	2	--	--	--	--	Taxes 8/	Dol	--	--	--	786	1.47																																																																																																																																																																																																																																										
Sold as yearlings	Head	17	--	--	--	--	Insurance	Dol	--	--	--	2,229	4.18																																																																																																																																																																																																																																										
Kept for herd replacement 2/	Head	75	--	--	--	--	Interest on operating capital 9/	Dol	26,216.9	--	0.15	3,880	7.28																																																																																																																																																																																																																																										
Bulls	Head	--	--	--	--	--	Total cash costs	Dol	--	--	--	70,068	131.46																																																																																																																																																																																																																																										
Sales:							Other costs:																																																																																																																																																																																																																																																
Steer calves	Head	214	375	71.00	56,978	--	Family labor 10/	Hrs	1,171.0	--	4.82	5,644	10.59																																																																																																																																																																																																																																										
Heifer calves	Head	121	350	56.00	23,716	--	Capital replacement 11/	Dol	--	--	--	15,391	28.88																																																																																																																																																																																																																																										
Yearling steers	Head	--	--	--	--	--	Interest on Investment other than land 13/	Dol	--	--	--	47,309	88.76																																																																																																																																																																																																																																										
Yearling heifers	Head	17	550	54.06	5,055	--	Interest on land 13/	Dol	--	--	--	22,179	41.61																																																																																																																																																																																																																																										
Cull cows	Head	59	850	37.71	18,912	--	Total other costs	Dol	--	--	--	90,523	169.84																																																																																																																																																																																																																																										
Total sales	Head	--	--	--	104,661	196.36	Total all costs	Dol	--	--	--	160,591	301.30																																																																																																																																																																																																																																										
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																
Federal grazing fees 3/	AM	4,132.0	--	1.86	7,686	14.42	Return above cash costs and family labor	Dol	--	--	--	34,593	64.90																																																																																																																																																																																																																																										
Private pasture lease	AUM	1,436.0	--	6.26	8,989	16.86	Return to total investment 14/	Dol	--	--	--	13,558	25.44																																																																																																																																																																																																																																										
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-33,751	-63.32																																																																																																																																																																																																																																										
State land lease	AUM	1,197.0	--	1.02	1,221	2.29																																																																																																																																																																																																																																																	
Irrigated pasture	AUM	--	--	--	--	--																																																																																																																																																																																																																																																	
Hay produced	Ton	--	--	--	--	--																																																																																																																																																																																																																																																	
Hay purchased	Ton	34.0	--	59.83	2,034	3.82																																																																																																																																																																																																																																																	
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td>Feed source:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>National Forest 16/</td> <td>375.0</td> <td>344.0</td> <td>318.0</td> <td>--</td> <td>--</td> <td>311.0</td> <td>314.0</td> <td>313.0</td> <td>328.0</td> <td>316.0</td> <td>424.0</td> <td>424.0</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>190.0</td> <td>224.0</td> <td>251.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>473.0</td> <td>479.0</td> <td>484.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>433.0</td> <td>370.0</td> <td>195.0</td> <td>199.0</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>--</td> <td>--</td> <td>--</td> <td>737.0</td> <td>850.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>38.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>8.0</td> <td>9.0</td> <td>8.0</td> <td>9.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Grain</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>6.0</td> <td>5.0</td> <td>5.0</td> <td>5.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Marketing month:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Steer calves</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>214.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>121.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>17.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>59.0</td> <td>--</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:													National Forest 16/	375.0	344.0	318.0	--	--	311.0	314.0	313.0	328.0	316.0	424.0	424.0	Bureau of Land Management 16/	190.0	224.0	251.0	--	--	--	--	--	--	--	--	--	Pasture rent/lease 17/	--	--	--	--	--	473.0	479.0	484.0	--	--	--	--	State land lease	--	--	--	--	--	--	--	--	433.0	370.0	195.0	199.0	Deeded rangeland 17/	--	--	--	737.0	850.0	--	--	--	--	38.0	--	--	Irrigated pasture 17/	--	--	--	--	--	--	--	--	--	--	--	--	Crop residue 17/	--	--	--	--	--	--	--	--	--	--	--	--	Hay	8.0	9.0	8.0	9.0	--	--	--	--	--	--	--	--	Grain	--	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	6.0	5.0	5.0	5.0	--	--	--	--	--	--	--	--	Marketing month:													Steer calves	--	--	--	--	--	--	--	--	--	214.0	--	--	Heifer calves	--	--	--	--	--	--	--	--	--	121.0	--	--	Yearling steers	--	--	--	--	--	--	--	--	--	--	--	--	Yearling heifers	--	--	--	--	--	--	--	--	--	17.0	--	--	Cull cows	--	--	--	--	--	--	--	--	--	59.0	--	--
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Grain	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
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Marketing month:																																																																																																																																																																																																																																																							
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Cull cows	--	--	--	--	--	--	--	--	--	59.0	--	--																																																																																																																																																																																																																																											

Table 99--Beef cow enterprises with 0-99 size cows, New Mexico-Gila National Forest, Southwest New Mexico, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																										
Production:							Cash costs--Continued																																																																																																																																																																																																																																																
Bred cows 1/	Head	49	--	--	--	--	Protein supplement 5/	Ton	2.6	--	248.20	645	13.17																																																																																																																																																																																																																																										
Annual cow loss	Head	2	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																										
Cows culled	Head	5	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--																																																																																																																																																																																																																																										
Calves born alive	Head	39	--	--	--	--	Salt and mineral	Cwt	17.0	--	5.80	99	2.02																																																																																																																																																																																																																																										
Calves lost birth to weaning	Head	6	--	--	--	--	Veterinary & medicine	Dol	--	--	--	138	2.82																																																																																																																																																																																																																																										
Steer calves weaned	Head	16	--	--	--	--	Hired trucking	Dol	--	--	--	92	1.88																																																																																																																																																																																																																																										
Sold as weaners	Head	11	--	--	--	--	Marketing 6/	Dol	--	--	--	161	3.29																																																																																																																																																																																																																																										
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	Dol	--	--	--	441	9.00																																																																																																																																																																																																																																										
Sold as yearlings	Head	5	--	--	--	--	Hired labor	Hrs	262.0	--	4.82	1,263	25.77																																																																																																																																																																																																																																										
Heifer calves weaned	Head	17	--	--	--	--	Fuel and lubricants	Dol	--	--	--	745	15.20																																																																																																																																																																																																																																										
Sold as weaners	Head	7	--	--	--	--	Repairs	Dol	--	--	--	663	13.53																																																																																																																																																																																																																																										
Lost after weaning	Head	--	--	--	--	--	Taxes 8/	Dol	--	--	--	128	2.61																																																																																																																																																																																																																																										
Sold as yearlings	Head	3	--	--	--	--	Insurance	Dol	--	--	--	254	5.18																																																																																																																																																																																																																																										
Kept for herd replacement 2/	Head	7	--	--	--	--	Interest on operating capital 9/	Dol	3,041.0	--	0.15	456	9.31																																																																																																																																																																																																																																										
Bulls	Head	4	--	--	--	--	Total cash costs	Dol	--	--	--	6,629	135.29																																																																																																																																																																																																																																										
Sales:							Other costs:																																																																																																																																																																																																																																																
Steer calves	Head	11	360	66.52	2,634	--	Family labor 10/	Hrs	788.0	--	4.82	3,798	77.51																																																																																																																																																																																																																																										
Heifer calves	Head	7	325	55.34	1,259	--	Capital replacement 11/	Dol	--	--	--	3,077	62.80																																																																																																																																																																																																																																										
Yearling steers	Head	5	575	63.72	1,832	--	Interest on investment other than land 13/	Dol	--	--	--	5,725	116.84																																																																																																																																																																																																																																										
Yearling heifers	Head	3	525	54.09	852	--	Interest on land 13/	Dol	--	--	--	2,028	41.39																																																																																																																																																																																																																																										
Cull cows	Head	5	900	37.71	1,697	--	Total other costs	Dol	--	--	--	14,628	298.53																																																																																																																																																																																																																																										
Total sales	Head	--	--	--	8,274	168.86	Total all costs	Dol	--	--	--	21,257	433.82																																																																																																																																																																																																																																										
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																
Federal grazing fees 3/	AM	590.0	--	1.86	1,097	22.39	and family labor	Dol	--	--	--	1,645	33.57																																																																																																																																																																																																																																										
Private pasture lease	AUM	51.5	--	6.26	322	6.57	Return to total investment 14/	Dol	--	--	--	-5,230	-106.74																																																																																																																																																																																																																																										
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-10,955	-223.57																																																																																																																																																																																																																																										
State land lease	AUM	21.3	--	1.40	30	0.61																																																																																																																																																																																																																																																	
Irrigated pasture	AUM	--	--	--	--	--																																																																																																																																																																																																																																																	
Hay produced	Ton	1.2	--	79.00	95	1.94																																																																																																																																																																																																																																																	
Hay purchased	Ton	--	--	--	--	--																																																																																																																																																																																																																																																	
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td>Feed source:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>National Forest 16/</td> <td>43.0</td> <td>43.0</td> <td>45.0</td> <td>48.0</td> <td>51.0</td> <td>51.0</td> <td>47.0</td> <td>47.0</td> <td>51.0</td> <td>48.0</td> <td>48.0</td> <td>44.0</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>2.0</td> <td>2.0</td> <td>2.0</td> <td>2.0</td> <td>2.0</td> <td>2.0</td> <td>2.0</td> <td>2.0</td> <td>2.0</td> <td>2.0</td> <td>2.0</td> <td>2.0</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>1.8</td> <td>2.3</td> <td>2.3</td> <td>2.2</td> <td>5.8</td> <td>6.3</td> <td>7.3</td> <td>7.5</td> <td>6.3</td> <td>7.0</td> <td>--</td> <td>2.7</td> </tr> <tr> <td>State land lease</td> <td>--</td> <td>--</td> <td>--</td> <td>1.1</td> <td>2.9</td> <td>3.2</td> <td>3.7</td> <td>3.8</td> <td>3.2</td> <td>3.4</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>7.0</td> <td>9.0</td> <td>9.2</td> <td>7.7</td> <td>3.5</td> <td>4.3</td> <td>9.3</td> <td>10.0</td> <td>5.7</td> <td>8.6</td> <td>4.0</td> <td>6.4</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>1.2</td> </tr> <tr> <td>Grain</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>1.0</td> <td>1.0</td> <td>.6</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Marketing month:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Steer calves</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>11.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>7.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>5.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>3.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>5.0</td> <td>--</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:													National Forest 16/	43.0	43.0	45.0	48.0	51.0	51.0	47.0	47.0	51.0	48.0	48.0	44.0	Bureau of Land Management 16/	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	Pasture rent/lease 17/	1.8	2.3	2.3	2.2	5.8	6.3	7.3	7.5	6.3	7.0	--	2.7	State land lease	--	--	--	1.1	2.9	3.2	3.7	3.8	3.2	3.4	--	--	Deeded rangeland 17/	7.0	9.0	9.2	7.7	3.5	4.3	9.3	10.0	5.7	8.6	4.0	6.4	Irrigated pasture 17/	--	--	--	--	--	--	--	--	--	--	--	--	Crop residue 17/	--	--	--	--	--	--	--	--	--	--	--	--	Hay	--	--	--	--	--	--	--	--	--	--	--	1.2	Grain	--	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	1.0	1.0	.6	--	--	--	--	--	--	--	--	--	Marketing month:													Steer calves	--	--	--	--	--	--	--	--	--	11.0	--	--	Heifer calves	--	--	--	--	--	--	--	--	--	7.0	--	--	Yearling steers	--	--	--	--	--	--	--	--	--	5.0	--	--	Yearling heifers	--	--	--	--	--	--	--	--	--	3.0	--	--	Cull cows	--	--	--	--	--	--	--	--	--	5.0	--	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																											
Feed source:																																																																																																																																																																																																																																																							
National Forest 16/	43.0	43.0	45.0	48.0	51.0	51.0	47.0	47.0	51.0	48.0	48.0	44.0																																																																																																																																																																																																																																											
Bureau of Land Management 16/	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0																																																																																																																																																																																																																																											
Pasture rent/lease 17/	1.8	2.3	2.3	2.2	5.8	6.3	7.3	7.5	6.3	7.0	--	2.7																																																																																																																																																																																																																																											
State land lease	--	--	--	1.1	2.9	3.2	3.7	3.8	3.2	3.4	--	--																																																																																																																																																																																																																																											
Deeded rangeland 17/	7.0	9.0	9.2	7.7	3.5	4.3	9.3	10.0	5.7	8.6	4.0	6.4																																																																																																																																																																																																																																											
Irrigated pasture 17/	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Crop residue 17/	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Hay	--	--	--	--	--	--	--	--	--	--	--	1.2																																																																																																																																																																																																																																											
Grain	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Protein supplement	1.0	1.0	.6	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Marketing month:																																																																																																																																																																																																																																																							
Steer calves	--	--	--	--	--	--	--	--	--	11.0	--	--																																																																																																																																																																																																																																											
Heifer calves	--	--	--	--	--	--	--	--	--	7.0	--	--																																																																																																																																																																																																																																											
Yearling steers	--	--	--	--	--	--	--	--	--	5.0	--	--																																																																																																																																																																																																																																											
Yearling heifers	--	--	--	--	--	--	--	--	--	3.0	--	--																																																																																																																																																																																																																																											
Cull cows	--	--	--	--	--	--	--	--	--	5.0	--	--																																																																																																																																																																																																																																											

Table 100--Beef cow enterprises with 100-399 cows, New Mexico-Gila National Forest, Southwest New Mexico, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																																										
Production:							Cash costs--Continued																																																																																																																																																																																																																																																																
Bred cows 1/	Head	249	--	--	--	--	Protein supplement 5/	Ton	7.0	--	248.20	1,737	6.98																																																																																																																																																																																																																																																										
Annual cow loss	Head	10	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																																										
Cows culled	Head	13	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--																																																																																																																																																																																																																																																										
Calves born alive	Head	179	--	--	--	--	Salt and mineral	Cwt	87.0	--	5.80	505	2.03																																																																																																																																																																																																																																																										
Calves lost birth to weaning	Head	27	--	--	--	--	Veterinary & medicine	Dol	--	--	--	483	1.94																																																																																																																																																																																																																																																										
Steer calves weaned	Head	76	--	--	--	--	Hired trucking	Dol	--	--	--	562	2.26																																																																																																																																																																																																																																																										
Sold as weaners	Head	66	--	--	--	--	Marketing 6/	Dol	--	--	--	737	2.96																																																																																																																																																																																																																																																										
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	Dol	--	--	--	1,777	7.14																																																																																																																																																																																																																																																										
Sold as yearlings	Head	10	--	--	--	--	Hired labor	Hrs	1,632.0	--	4.82	7,866	31.59																																																																																																																																																																																																																																																										
Heifer calves weaned	Head	76	--	--	--	--	Fuel and lubricants	Dol	--	--	--	5,069	20.36																																																																																																																																																																																																																																																										
Sold as weaners	Head	35	--	--	--	--	Repairs	Dol	--	--	--	3,674	14.76																																																																																																																																																																																																																																																										
Lost after weaning	Head	1	--	--	--	--	Taxes 8/	Dol	--	--	--	647	2.60																																																																																																																																																																																																																																																										
Sold as yearlings	Head	17	--	--	--	--	Insurance	Dol	--	--	--	1,306	5.24																																																																																																																																																																																																																																																										
Kept for herd replacement 2/	Head	23	--	--	--	--	Interest on operating capital 9/	Dol	12,583.0	--	0.15	1,887	7.58																																																																																																																																																																																																																																																										
Bulls	Head	21	--	--	--	--	Total cash costs	Dol	--	--	--	34,191	137.31																																																																																																																																																																																																																																																										
Sales:							Other costs:																																																																																																																																																																																																																																																																
Steer calves	Head	66	360	66.52	15,805	--	Family labor 10/	Hrs	1,632.0	--	4.82	7,866	31.59																																																																																																																																																																																																																																																										
Heifer calves	Head	35	325	55.34	6,295	--	Capital replacement 11/	Dol	--	--	--	13,884	55.76																																																																																																																																																																																																																																																										
Yearling steers	Head	10	575	63.72	3,664	--	Interest on investment other than land 13/	Dol	--	--	--	28,006	112.47																																																																																																																																																																																																																																																										
Yearling heifers	Head	17	525	54.09	4,828	--	Interest on land 13/	Dol	--	--	--	12,508	50.23																																																																																																																																																																																																																																																										
Cull cows	Head	13	900	37.71	4,412	--	Total other costs	Dol	--	--	--	62,264	250.06																																																																																																																																																																																																																																																										
Total sales	Head	--	--	--	35,004	140.58:	Total all costs	Dol	--	--	--	96,455	387.37																																																																																																																																																																																																																																																										
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																																
Federal grazing fees 3/	AM	2,806.0	--	1.86	5,219	20.96:	Return above cash costs and family labor	Dol	--	--	--	813	3.27																																																																																																																																																																																																																																																										
Private pasture lease	AUM	285.5	--	6.26	1,787	7.18:	Return above cash costs and family labor	Dol	--	--	--	-7,053	-28.33																																																																																																																																																																																																																																																										
Other pasture lease 4/	AUM	--	--	--	--	0.80:	Return to total investment 14/	Dol	--	--	--	-20,937	-84.08																																																																																																																																																																																																																																																										
State land lease	AUM	142.7	--	1.40	200	2.95:	Return to land 15/	Dol	--	--	--	-48,943	-196.56																																																																																																																																																																																																																																																										
Irrigated pasture	AUM	--	--	--	--	--																																																																																																																																																																																																																																																																	
Hay produced	Ton	9.3	--	79.00	735	--																																																																																																																																																																																																																																																																	
Hay purchased	Ton	--	--	--	--	--																																																																																																																																																																																																																																																																	
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td>Feed source:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>212.0</td> <td>212.0</td> <td>215.0</td> <td>207.0</td> <td>215.0</td> <td>211.0</td> <td>206.0</td> <td>211.0</td> <td>213.0</td> <td>211.0</td> <td>205.0</td> <td>212.0</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>23.0</td> <td>23.0</td> <td>23.0</td> <td>23.0</td> <td>23.0</td> <td>23.0</td> <td>23.0</td> <td>23.0</td> <td>23.0</td> <td>23.0</td> <td>23.0</td> <td>23.0</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>11.5</td> <td>12.2</td> <td>12.4</td> <td>17.4</td> <td>32.1</td> <td>35.4</td> <td>37.8</td> <td>37.2</td> <td>35.9</td> <td>36.3</td> <td>5.4</td> <td>11.9</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>5.8</td> <td>6.1</td> <td>6.2</td> <td>8.7</td> <td>16.0</td> <td>17.7</td> <td>18.9</td> <td>18.6</td> <td>18.0</td> <td>18.2</td> <td>2.7</td> <td>5.8</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>40.3</td> <td>42.7</td> <td>43.4</td> <td>61.0</td> <td>56.9</td> <td>66.1</td> <td>75.7</td> <td>72.4</td> <td>52.6</td> <td>54.7</td> <td>19.0</td> <td>41.3</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>6.0</td> <td>3.3</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>2.4</td> <td>2.6</td> <td>2.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Marketing month:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>66.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>35.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>10.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>17.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>13.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:													National Forest 16/	AM	212.0	212.0	215.0	207.0	215.0	211.0	206.0	211.0	213.0	211.0	205.0	212.0	Bureau of Land Management 16/	AM	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	Pasture rent/lease 17/	AUM	11.5	12.2	12.4	17.4	32.1	35.4	37.8	37.2	35.9	36.3	5.4	11.9	State land lease	AUM	5.8	6.1	6.2	8.7	16.0	17.7	18.9	18.6	18.0	18.2	2.7	5.8	Deeded rangeland 17/	AUM	40.3	42.7	43.4	61.0	56.9	66.1	75.7	72.4	52.6	54.7	19.0	41.3	Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--	Hay	Ton	--	--	--	--	--	--	--	--	--	--	6.0	3.3	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	2.4	2.6	2.0	--	--	--	--	--	--	--	--	--	Marketing month:														Steer calves	Head	--	--	--	--	--	--	--	--	66.0	--	--	--	Heifer calves	Head	--	--	--	--	--	--	--	--	35.0	--	--	--	Yearling steers	Head	--	--	--	--	--	--	--	--	10.0	--	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	--	17.0	--	--	--	Cull cows	Head	--	--	--	--	--	--	--	--	13.0	--	--	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																																											
Feed source:																																																																																																																																																																																																																																																																							
National Forest 16/	AM	212.0	212.0	215.0	207.0	215.0	211.0	206.0	211.0	213.0	211.0	205.0	212.0																																																																																																																																																																																																																																																										
Bureau of Land Management 16/	AM	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0																																																																																																																																																																																																																																																										
Pasture rent/lease 17/	AUM	11.5	12.2	12.4	17.4	32.1	35.4	37.8	37.2	35.9	36.3	5.4	11.9																																																																																																																																																																																																																																																										
State land lease	AUM	5.8	6.1	6.2	8.7	16.0	17.7	18.9	18.6	18.0	18.2	2.7	5.8																																																																																																																																																																																																																																																										
Deeded rangeland 17/	AUM	40.3	42.7	43.4	61.0	56.9	66.1	75.7	72.4	52.6	54.7	19.0	41.3																																																																																																																																																																																																																																																										
Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																										
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																										
Hay	Ton	--	--	--	--	--	--	--	--	--	--	6.0	3.3																																																																																																																																																																																																																																																										
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																										
Protein supplement	Ton	2.4	2.6	2.0	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																										
Marketing month:																																																																																																																																																																																																																																																																							
Steer calves	Head	--	--	--	--	--	--	--	--	66.0	--	--	--																																																																																																																																																																																																																																																										
Heifer calves	Head	--	--	--	--	--	--	--	--	35.0	--	--	--																																																																																																																																																																																																																																																										
Yearling steers	Head	--	--	--	--	--	--	--	--	10.0	--	--	--																																																																																																																																																																																																																																																										
Yearling heifers	Head	--	--	--	--	--	--	--	--	17.0	--	--	--																																																																																																																																																																																																																																																										
Cull cows	Head	--	--	--	--	--	--	--	--	13.0	--	--	--																																																																																																																																																																																																																																																										

Table 101--Beef cow enterprises with 400 or more cows, Gila National Forest, Southwest New Mexico, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																																										
Production:							Cash costs--Continued																																																																																																																																																																																																																																																																
Bred cows 1/	Head	1,176	--	--	--	--	Protein supplement 5/	Ton	105.0	--	248.20	26,061	22.16																																																																																																																																																																																																																																																										
Annual cow loss	Head	47	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																																										
Cows culled	Head	118	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--																																																																																																																																																																																																																																																										
Calves born alive	Head	953	--	--	--	--	Salt and mineral	Cwt	411.6	--	5.80	2,387	2.03																																																																																																																																																																																																																																																										
Calves lost birth to weaning	Head	143	--	--	--	--	Veterinary & medicine	Dol	--	--	--	2,047	1.74																																																																																																																																																																																																																																																										
Steer calves weaned	Head	405	--	--	--	--	Hired trucking	Dol	--	--	--	3,337	2.84																																																																																																																																																																																																																																																										
Sold as weaners	Head	356	--	--	--	--	Marketing 6/	Dol	--	--	--	2,441	2.08																																																																																																																																																																																																																																																										
Lost after weaning	Head	1	--	--	--	--	General overhead 7/	Dol	--	--	--	8,975	7.63																																																																																																																																																																																																																																																										
Sold as yearlings	Head	48	--	--	--	--	Hired labor	Hrs	3,570.0	--	4.82	17,207	14.63																																																																																																																																																																																																																																																										
Heifer calves weaned	Head	405	--	--	--	--	Fuel and lubricants	Dol	--	--	--	9,632	8.19																																																																																																																																																																																																																																																										
Sold as weaners	Head	199	--	--	--	--	Repairs	Dol	--	--	--	10,490	8.92																																																																																																																																																																																																																																																										
Lost after weaning	Head	1	--	--	--	--	Taxes 8/	Dol	--	--	--	2,430	2.07																																																																																																																																																																																																																																																										
Sold as yearlings	Head	37	--	--	--	--	Insurance	Dol	--	--	--	5,690	4.84																																																																																																																																																																																																																																																										
Kept for herd replacement 2/	Head	165	--	--	--	--	Interest on operating capital 9/	Dol	80,266.8	--	0.15	12,361	10.51																																																																																																																																																																																																																																																										
Bulls	Head	98	--	--	--	--	Total cash costs	Dol	--	--	--	169,238	143.91																																																																																																																																																																																																																																																										
Sales:							Other costs:																																																																																																																																																																																																																																																																
Steer calves	Head	356	360	66.52	85,252	--	Family labor 10/	Hrs	3,570.0	--	4.82	17,207	14.63																																																																																																																																																																																																																																																										
Heifer calves	Head	199	325	55.34	35,791	--	Capital replacement 11/	Dol	--	--	--	43,455	36.95																																																																																																																																																																																																																																																										
Yearling steers	Head	48	575	63.72	17,587	--	Interest on investment other than land 13/	Dol	--	--	--	116,316	98.91																																																																																																																																																																																																																																																										
Yearling heifers	Head	37	525	54.09	10,507	--	Interest on land 13/	Dol	--	--	--	128,074	108.91																																																																																																																																																																																																																																																										
Cull cows	Head	118	900	37.71	40,048	--	Total other costs	Dol	--	--	--	305,052	259.40																																																																																																																																																																																																																																																										
Total sales	Head	--	--	--	189,185	160.87	Total all costs	Dol	--	--	--	474,290	403.31																																																																																																																																																																																																																																																										
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																																
Federal grazing fees 3/	AM	6,257.0	--	1.86	11,638	9.90	Return above cash costs and family labor	Dol	--	--	--	19,947	16.96																																																																																																																																																																																																																																																										
Private pasture lease	AUM	2,467.7	--	6.26	15,448	13.14	Return to total investment 14/	Dol	--	--	--	-40,715	-34.62																																																																																																																																																																																																																																																										
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-157,031	-133.53																																																																																																																																																																																																																																																										
State land lease	AUM	1,233.8	--	1.40	1,727	1.47																																																																																																																																																																																																																																																																	
Irrigated pasture	AUM	--	--	--	--	--																																																																																																																																																																																																																																																																	
Hay produced	Ton	--	--	--	--	--																																																																																																																																																																																																																																																																	
Hay purchased	Ton	473.0	--	79.00	37,367	31.77																																																																																																																																																																																																																																																																	
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td>Feed source:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>353.0</td> <td>353.0</td> <td>353.0</td> <td>376.0</td> <td>384.0</td> <td>384.0</td> <td>384.0</td> <td>372.0</td> <td>372.0</td> <td>372.0</td> <td>341.0</td> <td>341.0</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>156.0</td> <td>156.0</td> <td>156.0</td> <td>156.0</td> <td>156.0</td> <td>156.0</td> <td>156.0</td> <td>156.0</td> <td>156.0</td> <td>156.0</td> <td>156.0</td> <td>156.0</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>148.6</td> <td>165.2</td> <td>178.5</td> <td>250.0</td> <td>269.3</td> <td>287.9</td> <td>294.1</td> <td>299.8</td> <td>287.5</td> <td>286.8</td> <td>--</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>74.3</td> <td>82.6</td> <td>89.2</td> <td>125.0</td> <td>134.7</td> <td>143.9</td> <td>147.0</td> <td>149.9</td> <td>143.7</td> <td>143.5</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>520.2</td> <td>578.2</td> <td>624.7</td> <td>751.8</td> <td>833.8</td> <td>891.4</td> <td>913.1</td> <td>937.0</td> <td>900.4</td> <td>898.3</td> <td>52.7</td> <td>111.1</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>225.0</td> <td>248.0</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>35.0</td> <td>35.0</td> <td>35.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td colspan="14">Marketing month:</td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>356.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>199.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>48.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>37.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>118.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:													National Forest 16/	AM	353.0	353.0	353.0	376.0	384.0	384.0	384.0	372.0	372.0	372.0	341.0	341.0	Bureau of Land Management 16/	AM	156.0	156.0	156.0	156.0	156.0	156.0	156.0	156.0	156.0	156.0	156.0	156.0	Pasture rent/lease 17/	AUM	148.6	165.2	178.5	250.0	269.3	287.9	294.1	299.8	287.5	286.8	--	--	State land lease	AUM	74.3	82.6	89.2	125.0	134.7	143.9	147.0	149.9	143.7	143.5	--	--	Deeded rangeland 17/	AUM	520.2	578.2	624.7	751.8	833.8	891.4	913.1	937.0	900.4	898.3	52.7	111.1	Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--	Hay	Ton	--	--	--	--	--	--	--	--	--	--	225.0	248.0	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	35.0	35.0	35.0	--	--	--	--	--	--	--	--	--	Marketing month:														Steer calves	Head	--	--	--	--	--	--	--	--	356.0	--	--	--	Heifer calves	Head	--	--	--	--	--	--	--	--	199.0	--	--	--	Yearling steers	Head	--	--	--	--	--	--	--	--	48.0	--	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	--	37.0	--	--	--	Cull cows	Head	--	--	--	--	--	--	--	--	118.0	--	--	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																																											
Feed source:																																																																																																																																																																																																																																																																							
National Forest 16/	AM	353.0	353.0	353.0	376.0	384.0	384.0	384.0	372.0	372.0	372.0	341.0	341.0																																																																																																																																																																																																																																																										
Bureau of Land Management 16/	AM	156.0	156.0	156.0	156.0	156.0	156.0	156.0	156.0	156.0	156.0	156.0	156.0																																																																																																																																																																																																																																																										
Pasture rent/lease 17/	AUM	148.6	165.2	178.5	250.0	269.3	287.9	294.1	299.8	287.5	286.8	--	--																																																																																																																																																																																																																																																										
State land lease	AUM	74.3	82.6	89.2	125.0	134.7	143.9	147.0	149.9	143.7	143.5	--	--																																																																																																																																																																																																																																																										
Deeded rangeland 17/	AUM	520.2	578.2	624.7	751.8	833.8	891.4	913.1	937.0	900.4	898.3	52.7	111.1																																																																																																																																																																																																																																																										
Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																										
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																										
Hay	Ton	--	--	--	--	--	--	--	--	--	--	225.0	248.0																																																																																																																																																																																																																																																										
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																										
Protein supplement	Ton	35.0	35.0	35.0	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																										
Marketing month:																																																																																																																																																																																																																																																																							
Steer calves	Head	--	--	--	--	--	--	--	--	356.0	--	--	--																																																																																																																																																																																																																																																										
Heifer calves	Head	--	--	--	--	--	--	--	--	199.0	--	--	--																																																																																																																																																																																																																																																										
Yearling steers	Head	--	--	--	--	--	--	--	--	48.0	--	--	--																																																																																																																																																																																																																																																										
Yearling heifers	Head	--	--	--	--	--	--	--	--	37.0	--	--	--																																																																																																																																																																																																																																																										
Cull cows	Head	--	--	--	--	--	--	--	--	118.0	--	--	--																																																																																																																																																																																																																																																										

Table 102--Beef cow enterprises with up to 199 cows, Kaibab National Forest, North-Central Arizona, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																										
Production:							Cash costs--Continued																																																																																																																																																																																																																																																
Bred cows 1/	Head	133	--	--	--	--	Protein supplement 5/	Ton	--	--	--	--	--																																																																																																																																																																																																																																										
Annual cow loss	Head	5	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																										
Cows culled	Head	11	--	--	--	--	Other feed	Ton	--	--	--	--	--																																																																																																																																																																																																																																										
Calves born alive	Head	114	--	--	--	--	Salt and mineral	Cwt	46.6	--	4.88	227	1.71																																																																																																																																																																																																																																										
Calves lost birth to weaning	Head	5	--	--	--	--	Veterinary & medicine	Dol	--	--	--	376	2.83																																																																																																																																																																																																																																										
Steer calves weaned	Head	54	--	--	--	--	Hired trucking	Dol	--	--	--	249	1.87																																																																																																																																																																																																																																										
Sold as weaners	Head	54	--	--	--	--	Marketing 6/	Dol	--	--	--	438	3.29																																																																																																																																																																																																																																										
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	Dol	--	--	--	1,197	9.00																																																																																																																																																																																																																																										
Sold as yearlings	Head	--	--	--	--	--	Hired labor	Hrs	454.0	--	4.82	2,188	16.45																																																																																																																																																																																																																																										
Heifer calves weaned	Head	55	--	--	--	--	Fuel and lubricants	Dol	--	--	--	1,760	13.23																																																																																																																																																																																																																																										
Sold as weaners	Head	35	--	--	--	--	Repairs	Dol	--	--	--	1,307	9.83																																																																																																																																																																																																																																										
Lost after weaning	Head	--	--	--	--	--	Taxes 8/	Dol	--	--	--	1,348	10.14																																																																																																																																																																																																																																										
Sold as yearlings	Head	4	--	--	--	--	Insurance	Dol	--	--	--	583	4.38																																																																																																																																																																																																																																										
Kept for herd replacement 2/	Head	16	--	--	--	--	Interest on operating capital 9/	Dol	4,395.2	--	0.15	650	4.89																																																																																																																																																																																																																																										
Bulls	Head	7	--	--	--	--	Total cash costs	Dol	--	--	--	13,919	104.65																																																																																																																																																																																																																																										
Sales:							Other costs:																																																																																																																																																																																																																																																
Steer calves	Head	54	455	65.44	16,079	--	Family labor 10/	Hrs	1,359.0	--	4.82	6,550	49.25																																																																																																																																																																																																																																										
Heifer calves	Head	35	425	54.08	8,044	--	Capital replacement 11/	Dol	--	--	--	1,760	13.23																																																																																																																																																																																																																																										
Yearling steers	Head	--	--	--	--	--	Interest on investment other than land 13/	Dol	--	--	--	12,646	95.08																																																																																																																																																																																																																																										
Yearling heifers	Head	4	673	52.12	1,403	--	Interest on land 13/	Dol	--	--	--	65,422	491.90																																																																																																																																																																																																																																										
Cull cows	Head	11	1,025	53.05	5,981	--	Total other costs	Dol	--	--	--	86,378	649.46																																																																																																																																																																																																																																										
Total sales	Head	--	--	--	31,507	236.89	Total all costs	Dol	--	--	--	100,297	754.11																																																																																																																																																																																																																																										
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																
Federal grazing fees 3/	AM	1,621.0	--	1.86	3,015	22.67	Return above cash costs and family labor	Dol	--	--	--	17,588	132.24																																																																																																																																																																																																																																										
Private pasture lease 4/	AUM	15.3	--	6.26	96	.72	Return to total investment 14/	Dol	--	--	--	11,038	82.99																																																																																																																																																																																																																																										
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-3,368	-25.32																																																																																																																																																																																																																																										
State land lease	AUM	7.7	--	1.02	8	.06																																																																																																																																																																																																																																																	
Irrigated pasture	AUM	--	--	--	--	--																																																																																																																																																																																																																																																	
Hay produced	Ton	12.8	--	37.25	477	3.59																																																																																																																																																																																																																																																	
Hay purchased	Ton	--	--	--	--	--																																																																																																																																																																																																																																																	
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td>Feed source:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>86.0</td> <td>86.0</td> <td>84.0</td> <td>70.0</td> <td>56.0</td> <td>79.0</td> <td>79.0</td> <td>79.0</td> <td>79.0</td> <td>74.0</td> <td>86.0</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>50.0</td> <td>50.0</td> <td>50.0</td> <td>50.0</td> <td>50.0</td> <td>61.0</td> <td>61.0</td> <td>77.0</td> <td>68.0</td> <td>56.0</td> <td>50.0</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>3.5</td> <td>6.2</td> <td>1.7</td> <td>1.9</td> <td>2.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>1.8</td> <td>3.1</td> <td>.8</td> <td>1.0</td> <td>1.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>29.8</td> <td>52.5</td> <td>14.6</td> <td>16.3</td> <td>17.2</td> <td>--</td> <td>18.0</td> <td>13.0</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>3.9</td> <td>4.0</td> <td>4.9</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Marketing month:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>54.0</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>35.0</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>4.0</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>11.0</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:													National Forest 16/	AM	86.0	86.0	84.0	70.0	56.0	79.0	79.0	79.0	79.0	74.0	86.0	Bureau of Land Management 16/	AM	50.0	50.0	50.0	50.0	50.0	61.0	61.0	77.0	68.0	56.0	50.0	Pasture rent/lease 17/	AUM	--	--	--	3.5	6.2	1.7	1.9	2.0	--	--	--	State land lease	AUM	--	--	--	1.8	3.1	.8	1.0	1.0	--	--	--	Deeded rangeland 17/	AUM	--	--	--	29.8	52.5	14.6	16.3	17.2	--	18.0	13.0	Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	Hay	Ton	3.9	4.0	4.9	--	--	--	--	--	--	--	--	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--	Marketing month:													Steer calves	Head	--	--	--	--	--	--	--	--	--	54.0	--	Heifer calves	Head	--	--	--	--	--	--	--	--	--	35.0	--	Yearling steers	Head	--	--	--	--	--	--	--	--	--	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	--	--	4.0	--	Cull cows	Head	--	--	--	--	--	--	--	--	--	11.0	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																											
Feed source:																																																																																																																																																																																																																																																							
National Forest 16/	AM	86.0	86.0	84.0	70.0	56.0	79.0	79.0	79.0	79.0	74.0	86.0																																																																																																																																																																																																																																											
Bureau of Land Management 16/	AM	50.0	50.0	50.0	50.0	50.0	61.0	61.0	77.0	68.0	56.0	50.0																																																																																																																																																																																																																																											
Pasture rent/lease 17/	AUM	--	--	--	3.5	6.2	1.7	1.9	2.0	--	--	--																																																																																																																																																																																																																																											
State land lease	AUM	--	--	--	1.8	3.1	.8	1.0	1.0	--	--	--																																																																																																																																																																																																																																											
Deeded rangeland 17/	AUM	--	--	--	29.8	52.5	14.6	16.3	17.2	--	18.0	13.0																																																																																																																																																																																																																																											
Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Hay	Ton	3.9	4.0	4.9	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Marketing month:																																																																																																																																																																																																																																																							
Steer calves	Head	--	--	--	--	--	--	--	--	--	54.0	--																																																																																																																																																																																																																																											
Heifer calves	Head	--	--	--	--	--	--	--	--	--	35.0	--																																																																																																																																																																																																																																											
Yearling steers	Head	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Yearling heifers	Head	--	--	--	--	--	--	--	--	--	4.0	--																																																																																																																																																																																																																																											
Cull cows	Head	--	--	--	--	--	--	--	--	--	11.0	--																																																																																																																																																																																																																																											

Table 103--Beef cow enterprises with 200-699 cows, Kaibab National Forest, North-Central Arizona, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																										
Production:							Cash costs--Continued																																																																																																																																																																																																																																																
Bred cows <u>1/</u>	Head	368	--	--	--	--	Protein supplement <u>5/</u>	Ton	--	--	--	--	--																																																																																																																																																																																																																																										
Annual cow loss	Head	15	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																										
Cows culled	Head	33	--	--	--	--	Other feed	Ton	--	--	--	--	--																																																																																																																																																																																																																																										
Calves born alive	Head	316	--	--	--	--	Salt and mineral	Cwt	128.8	--	4.88	629	1.71																																																																																																																																																																																																																																										
Calves lost birth to weaning	Head	13	--	--	--	--	Veterinary & medicine	Dol	--	--	--	716	1.95																																																																																																																																																																																																																																										
Steer calves weaned	Head	151	--	--	--	--	Hired trucking	Dol	--	--	--	834	2.27																																																																																																																																																																																																																																										
Sold as weaners	Head	151	--	--	--	--	Marketing <u>6/</u>	Dol	--	--	--	1,089	2.96																																																																																																																																																																																																																																										
Lost after weaning	Head	--	--	--	--	--	General overhead <u>7/</u>	Dol	--	--	--	2,626	7.14																																																																																																																																																																																																																																										
Sold as yearlings	Head	--	--	--	--	--	Hired labor	Hrs	2,057.0	--	4.82	9,915	26.94																																																																																																																																																																																																																																										
Heifer calves weaned	Head	152	--	--	--	--	Fuel and lubricants	Dol	--	--	--	6,435	17.62																																																																																																																																																																																																																																										
Sold as weaners	Head	92	--	--	--	--	Repairs	Dol	--	--	--	4,271	11.61																																																																																																																																																																																																																																										
Lost after weaning	Head	1	--	--	--	--	Taxes <u>8/</u>	Dol	--	--	--	3,065	8.33																																																																																																																																																																																																																																										
Sold as yearlings	Head	11	--	--	--	--	Insurance	Dol	--	--	--	1,631	4.43																																																																																																																																																																																																																																										
Kept for herd replacement <u>2/</u>	Head	48	--	--	--	--	Interest on operating capital <u>9/</u>	Dol	15,453.9	--	0.15	2,287	6.21																																																																																																																																																																																																																																										
Bulls	Head	22	--	--	--	--	Total cash costs	Dol	--	--	--	43,950	119.43																																																																																																																																																																																																																																										
Sales:							Other costs:																																																																																																																																																																																																																																																
Steer calves	Head	151	455	65.44	44,961	--	Family labor <u>10/</u>	Hrs	2,057.0	--	4.82	9,915	26.94																																																																																																																																																																																																																																										
Heifer calves	Head	92	425	54.08	21,145	--	Capital replacement <u>11/</u>	Dol	--	--	--	13,837	37.60																																																																																																																																																																																																																																										
Yearling steers	Head	--	--	--	--	--	Interest on investment other than land <u>13/</u>	Dol	--	--	--	34,566	93.93																																																																																																																																																																																																																																										
Yearling heifers	Head	11	673	52.12	3,858	--	Interest on land <u>13/</u>	Dol	--	--	--	145,093	394.27																																																																																																																																																																																																																																										
Cull cows	Head	33	1,025	35.05	11,856	--	Total other costs	Dol	--	--	--	203,411	552.75																																																																																																																																																																																																																																										
Total sales	Head	--	--	--	81,820	222.34	Total all costs	Dol	--	--	--	247,361	672.18																																																																																																																																																																																																																																										
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																
Federal grazing fees <u>3/</u>	AM	2,893.0	--	1.86	5,381	14.62	Return above cash costs and family labor investment <u>14/</u>	Dol	--	--	--	27,955	75.96																																																																																																																																																																																																																																										
Private pasture lease	AUM	229.9	--	6.26	1,439	3.91	Return to land <u>15/</u>	Dol	--	--	--	-20,448	-55.57																																																																																																																																																																																																																																										
Other pasture lease <u>4/</u>	AUM	--	--	--	--	--																																																																																																																																																																																																																																																	
State land lease	AUM	115.3	--	1.02	118	.32																																																																																																																																																																																																																																																	
Irrigated pasture	AUM	--	--	--	--	--																																																																																																																																																																																																																																																	
Hay produced	Ton	93.0	--	37.25	3,464	9.41																																																																																																																																																																																																																																																	
Hay purchased	Ton	--	--	--	--	--																																																																																																																																																																																																																																																	
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td>Feed source:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>National Forest <u>16/</u></td> <td>AM</td> <td>89.0</td> <td>89.0</td> <td>89.0</td> <td>85.0</td> <td>102.0</td> <td>209.0</td> <td>229.0</td> <td>229.0</td> <td>229.0</td> <td>198.0</td> <td>117.0</td> </tr> <tr> <td>Bureau of Land Management <u>16/</u></td> <td>AM</td> <td>116.0</td> <td>116.0</td> <td>116.0</td> <td>116.0</td> <td>86.0</td> <td>63.0</td> <td>74.0</td> <td>63.0</td> <td>74.0</td> <td>81.0</td> <td>116.0</td> </tr> <tr> <td>Pasture rent/lease <u>17/</u></td> <td>AUM</td> <td>11.0</td> <td>12.8</td> <td>14.9</td> <td>27.1</td> <td>31.8</td> <td>21.9</td> <td>17.9</td> <td>19.7</td> <td>17.5</td> <td>16.0</td> <td>18.5</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>5.5</td> <td>6.4</td> <td>7.4</td> <td>13.5</td> <td>15.9</td> <td>10.9</td> <td>9.0</td> <td>9.9</td> <td>8.8</td> <td>8.3</td> <td>9.3</td> </tr> <tr> <td>Deeded rangeland <u>17/</u></td> <td>AUM</td> <td>93.4</td> <td>109.1</td> <td>126.6</td> <td>230.1</td> <td>270.6</td> <td>186.0</td> <td>152.3</td> <td>167.5</td> <td>148.7</td> <td>141.1</td> <td>176.7</td> </tr> <tr> <td>Irrigated pasture <u>17/</u></td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue <u>17/</u></td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>31.0</td> <td>31.0</td> <td>31.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Marketing month:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>151.0</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>92.0</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>11.0</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>33.0</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:													National Forest <u>16/</u>	AM	89.0	89.0	89.0	85.0	102.0	209.0	229.0	229.0	229.0	198.0	117.0	Bureau of Land Management <u>16/</u>	AM	116.0	116.0	116.0	116.0	86.0	63.0	74.0	63.0	74.0	81.0	116.0	Pasture rent/lease <u>17/</u>	AUM	11.0	12.8	14.9	27.1	31.8	21.9	17.9	19.7	17.5	16.0	18.5	State land lease	AUM	5.5	6.4	7.4	13.5	15.9	10.9	9.0	9.9	8.8	8.3	9.3	Deeded rangeland <u>17/</u>	AUM	93.4	109.1	126.6	230.1	270.6	186.0	152.3	167.5	148.7	141.1	176.7	Irrigated pasture <u>17/</u>	AUM	--	--	--	--	--	--	--	--	--	--	--	Crop residue <u>17/</u>	AUM	--	--	--	--	--	--	--	--	--	--	--	Hay	Ton	31.0	31.0	31.0	--	--	--	--	--	--	--	--	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--	Marketing month:													Steer calves	Head	--	--	--	--	--	--	--	--	--	151.0	--	Heifer calves	Head	--	--	--	--	--	--	--	--	--	92.0	--	Yearling steers	Head	--	--	--	--	--	--	--	--	--	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	--	--	11.0	--	Cull cows	Head	--	--	--	--	--	--	--	--	--	33.0	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																											
Feed source:																																																																																																																																																																																																																																																							
National Forest <u>16/</u>	AM	89.0	89.0	89.0	85.0	102.0	209.0	229.0	229.0	229.0	198.0	117.0																																																																																																																																																																																																																																											
Bureau of Land Management <u>16/</u>	AM	116.0	116.0	116.0	116.0	86.0	63.0	74.0	63.0	74.0	81.0	116.0																																																																																																																																																																																																																																											
Pasture rent/lease <u>17/</u>	AUM	11.0	12.8	14.9	27.1	31.8	21.9	17.9	19.7	17.5	16.0	18.5																																																																																																																																																																																																																																											
State land lease	AUM	5.5	6.4	7.4	13.5	15.9	10.9	9.0	9.9	8.8	8.3	9.3																																																																																																																																																																																																																																											
Deeded rangeland <u>17/</u>	AUM	93.4	109.1	126.6	230.1	270.6	186.0	152.3	167.5	148.7	141.1	176.7																																																																																																																																																																																																																																											
Irrigated pasture <u>17/</u>	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Crop residue <u>17/</u>	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Hay	Ton	31.0	31.0	31.0	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Marketing month:																																																																																																																																																																																																																																																							
Steer calves	Head	--	--	--	--	--	--	--	--	--	151.0	--																																																																																																																																																																																																																																											
Heifer calves	Head	--	--	--	--	--	--	--	--	--	92.0	--																																																																																																																																																																																																																																											
Yearling steers	Head	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Yearling heifers	Head	--	--	--	--	--	--	--	--	--	11.0	--																																																																																																																																																																																																																																											
Cull cows	Head	--	--	--	--	--	--	--	--	--	33.0	--																																																																																																																																																																																																																																											

Table 104--Beef cow enterprises with 700 or more cows, Kaibab National Forest, North-Central Arizona, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																																											
Production:							Cash costs--Continued																																																																																																																																																																																																																																																																	
Bred cows 1/	Head	1,366	--	--	--	--	Protein supplement 5/	Ton	--	--	--	--	--																																																																																																																																																																																																																																																											
Annual cow loss	Head	55	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																																											
Cows culled	Head	123	--	--	--	--	Other feed	Ton	--	--	--	--	--																																																																																																																																																																																																																																																											
Calves born alive	Head	1,175	--	--	--	--	Salt and mineral	Cwt	478.1	--	4.88	2,333	1.71																																																																																																																																																																																																																																																											
Calves lost birth to weaning	Head	47	--	--	--	--	Veterinary & medicine	Dol	--	--	--	2,378	1.74																																																																																																																																																																																																																																																											
Steer calves weaned	Head	564	--	--	--	--	Hired trucking	Dol	--	--	--	3,876	2.84																																																																																																																																																																																																																																																											
Sold as weaners	Head	564	--	--	--	--	Marketing 6/	Dol	--	--	--	2,835	2.08																																																																																																																																																																																																																																																											
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	Dol	--	--	--	10,425	7.63																																																																																																																																																																																																																																																											
Sold as yearlings	Head	--	--	--	--	--	Hired labor	Hrs	10,317.0	--	4.82	49,728	36.40																																																																																																																																																																																																																																																											
Heifer calves weaned	Head	564	--	--	--	--	Fuel and lubricants	Dol	--	--	--	19,424	14.22																																																																																																																																																																																																																																																											
Sold as weaners	Head	341	--	--	--	--	Repairs	Dol	--	--	--	17,561	12.86																																																																																																																																																																																																																																																											
Lost after weaning	Head	4	--	--	--	--	Taxes 8/	Dol	--	--	--	12,360	9.05																																																																																																																																																																																																																																																											
Sold as yearlings	Head	41	--	--	--	--	Insurance	Dol	--	--	--	5,913	4.33																																																																																																																																																																																																																																																											
Kept for herd replacement 2/	Head	178	--	--	--	--	Interest on operating capital 9/	Dol	60,064.0	--	0.15	8,889	6.51																																																																																																																																																																																																																																																											
Bulls	Head	80	--	--	--	--	Total cash costs	Dol	--	--	--	169,703	124.23																																																																																																																																																																																																																																																											
Sales:							Other costs:																																																																																																																																																																																																																																																																	
Steer calves	Head	564	455	65.44	167,932	--	Family labor 10/	Hrs	3,439.0	--	4.82	16,576	12.13																																																																																																																																																																																																																																																											
Heifer calves	Head	341	425	54.08	78,375	--	Capital replacement 11/	Dol	--	--	--	54,946	40.22																																																																																																																																																																																																																																																											
Yearling steers	Head	--	--	--	--	--	Interest on investment other than land 13/	Dol	--	--	--	133,289	97.58																																																																																																																																																																																																																																																											
Yearling heifers	Head	41	673	52.12	14,381	--	Interest on land 13/	Dol	--	--	--	581,945	426.02																																																																																																																																																																																																																																																											
Cull cows	Head	123	1,025	35.05	44,189	--	Total other costs	Dol	--	--	--	786,756	575.96																																																																																																																																																																																																																																																											
Total sales	Head	--	--	--	304,877	223.19	Total all costs	Dol	--	--	--	956,459	700.19																																																																																																																																																																																																																																																											
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																																	
Federal grazing fees 3/	AM	6,293.0	--	1.86	11,705	8.57	Return above cash costs and family labor	Dol	--	--	--	135,174	98.96																																																																																																																																																																																																																																																											
Private pasture lease	AUM	1,411.4	--	6.26	8,835	6.47	Return to total investment 14/	Dol	--	--	--	118,598	86.82																																																																																																																																																																																																																																																											
Other pasture lease 4/	AUM	--	--	--	--	9.31	Return to land 15/	Dol	--	--	--	63,652	46.60																																																																																																																																																																																																																																																											
State land lease	AUM	705.7	--	1.02	720	--					--	-69,637	-50.98																																																																																																																																																																																																																																																											
Irrigated pasture	AUM	--	--	--	--	--																																																																																																																																																																																																																																																																		
Hay produced	Ton	341.5	--	37.25	12,721	--																																																																																																																																																																																																																																																																		
Hay purchased	Ton	--	--	--	--	--																																																																																																																																																																																																																																																																		
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td colspan="14">Feed source:</td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>211.0</td> <td>211.0</td> <td>211.0</td> <td>211.0</td> <td>329.0</td> <td>488.0</td> <td>488.0</td> <td>488.0</td> <td>488.0</td> <td>389.0</td> <td>228.0</td> <td>211.0</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>271.0</td> <td>271.0</td> <td>271.0</td> <td>214.0</td> <td>157.0</td> <td>157.0</td> <td>157.0</td> <td>157.0</td> <td>157.0</td> <td>157.0</td> <td>157.0</td> <td>214.0</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>68.5</td> <td>78.3</td> <td>87.1</td> <td>142.2</td> <td>146.3</td> <td>133.5</td> <td>135.4</td> <td>136.1</td> <td>129.2</td> <td>127.5</td> <td>115.2</td> <td>112.1</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>34.2</td> <td>39.2</td> <td>43.6</td> <td>71.1</td> <td>73.1</td> <td>66.8</td> <td>67.7</td> <td>68.1</td> <td>64.6</td> <td>63.8</td> <td>57.5</td> <td>56.0</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>582.2</td> <td>665.6</td> <td>740.3</td> <td>1,208.4</td> <td>1,243.6</td> <td>1,135.2</td> <td>1,150.5</td> <td>1,157.3</td> <td>1,098.2</td> <td>1,083.8</td> <td>979.1</td> <td>952.7</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>113.8</td> <td>113.8</td> <td>113.8</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td colspan="14">Marketing month:</td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>564.0</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>341.0</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>41.0</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>123.0</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:														National Forest 16/	AM	211.0	211.0	211.0	211.0	329.0	488.0	488.0	488.0	488.0	389.0	228.0	211.0	Bureau of Land Management 16/	AM	271.0	271.0	271.0	214.0	157.0	157.0	157.0	157.0	157.0	157.0	157.0	214.0	Pasture rent/lease 17/	AUM	68.5	78.3	87.1	142.2	146.3	133.5	135.4	136.1	129.2	127.5	115.2	112.1	State land lease	AUM	34.2	39.2	43.6	71.1	73.1	66.8	67.7	68.1	64.6	63.8	57.5	56.0	Deeded rangeland 17/	AUM	582.2	665.6	740.3	1,208.4	1,243.6	1,135.2	1,150.5	1,157.3	1,098.2	1,083.8	979.1	952.7	Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--	Hay	Ton	113.8	113.8	113.8	--	--	--	--	--	--	--	--	--	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--	--	Marketing month:														Steer calves	Head	--	--	--	--	--	--	--	--	--	--	564.0	--	Heifer calves	Head	--	--	--	--	--	--	--	--	--	--	341.0	--	Yearling steers	Head	--	--	--	--	--	--	--	--	--	--	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	--	--	--	41.0	--	Cull cows	Head	--	--	--	--	--	--	--	--	--	--	123.0	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																																												
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National Forest 16/	AM	211.0	211.0	211.0	211.0	329.0	488.0	488.0	488.0	488.0	389.0	228.0	211.0																																																																																																																																																																																																																																																											
Bureau of Land Management 16/	AM	271.0	271.0	271.0	214.0	157.0	157.0	157.0	157.0	157.0	157.0	157.0	214.0																																																																																																																																																																																																																																																											
Pasture rent/lease 17/	AUM	68.5	78.3	87.1	142.2	146.3	133.5	135.4	136.1	129.2	127.5	115.2	112.1																																																																																																																																																																																																																																																											
State land lease	AUM	34.2	39.2	43.6	71.1	73.1	66.8	67.7	68.1	64.6	63.8	57.5	56.0																																																																																																																																																																																																																																																											
Deeded rangeland 17/	AUM	582.2	665.6	740.3	1,208.4	1,243.6	1,135.2	1,150.5	1,157.3	1,098.2	1,083.8	979.1	952.7																																																																																																																																																																																																																																																											
Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																											
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																											
Hay	Ton	113.8	113.8	113.8	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																											
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																											
Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																											
Marketing month:																																																																																																																																																																																																																																																																								
Steer calves	Head	--	--	--	--	--	--	--	--	--	--	564.0	--																																																																																																																																																																																																																																																											
Heifer calves	Head	--	--	--	--	--	--	--	--	--	--	341.0	--																																																																																																																																																																																																																																																											
Yearling steers	Head	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																											
Yearling heifers	Head	--	--	--	--	--	--	--	--	--	--	41.0	--																																																																																																																																																																																																																																																											
Cull cows	Head	--	--	--	--	--	--	--	--	--	--	123.0	--																																																																																																																																																																																																																																																											

Table 105--Beef cow enterprises with up to 99 cows, Lincoln National Forest, South Central New Mexico, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow
Production:							Cash costs--Continued						
Bred cows <u>1/</u>	Head	41	--	--	--	--	Protein supplement <u>5/</u>	Ton	8.0	--	248.20	1,986	48.44
Annual cow loss	Head	1	--	--	--	--	Grain	Bu	--	--	--	--	--
Cows culled	Head	5	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--
Calves born alive	Head	36	--	--	--	--	Salt and mineral	Cwt	14.4	--	5.80	84	2.05
Calves lost birth to weaning	Head	1	--	--	--	--	Veterinary & medicine	Dol	--	--	--	107	2.61
Steer calves weaned	Head	17	--	--	--	--	Hired trucking	Dol	--	--	--	101	2.46
Sold as weaners	Head	16	--	--	--	--	Marketing <u>6/</u>	Dol	--	--	--	97	2.37
Lost after weaning	Head	--	--	--	--	--	General overhead <u>7/</u>	Dol	--	--	--	425	10.37
Sold as yearlings	Head	1	--	--	--	--	Hired labor	Hrs	250.0	--	4.82	1,205	29.39
Heifer calves weaned	Head	18	--	--	--	--	Fuel and lubricants	Dol	--	--	--	572	13.95
Sold as weaners	Head	9	--	--	--	--	Repairs	Dol	--	--	--	1,134	27.66
Lost after weaning	Head	--	--	--	--	--	Taxes <u>8/</u>	Dol	--	--	--	342	8.34
Sold as yearlings	Head	3	--	--	--	--	Insurance	Dol	--	--	--	199	4.85
Kept for herd replacement <u>2/</u>	Head	6	--	--	--	--	Interest on operating capital <u>9/</u>	Dol	3,665.5	--	0.15	564	13.76
Bulls	Head	2	--	--	--	--	Total cash costs	Dol	--	--	--	7,803	190.32
Sales:							Other costs:						
Steer calves	Head	16	425	65.29	4,440	--	Family labor <u>10/</u>	Hrs	3,665.5	--	4.82	17,668	430.92
Heifer calves	Head	9	375	55.34	1,868	--	Capital replacement <u>11/</u>	Dol	--	--	--	3,174	77.41
Yearling steers	Head	1	650	63.06	410	--	Interest on investment other than land <u>13/</u>	Dol	--	--	--	5,395	131.59
Yearling heifers	Head	3	600	54.76	986	--	Interest on land <u>13/</u>	Dol	--	--	--	23,699	578.02
Cull cows	Head	5	850	37.71	1,603	--	Total other costs	Dol	--	--	--	49,936	1217.95
Total sales	Head	--	--	--	9,307	227.00	Total all costs	Dol	--	--	--	57,739	1408.26
Cash costs:							Return above cash costs and family labor investment <u>14/</u> Return to land <u>15/</u>						
Federal grazing fees <u>3/</u>	AM	415.0	--	1.86	772	18.83	Return above cash costs	Dol	--	--	--	1,504	36.68
Private pasture lease	AUM	31.6	--	6.26	198	--	Return above cash costs	Dol	--	--	--	-16,164	-394.24
Other pasture lease <u>4/</u>	AUM	--	--	--	--	--	Return to total investment <u>14/</u>	Dol	--	--	--	-19,338	-471.66
State land lease	AUM	12.0	--	1.40	17	0.41	Return to land <u>15/</u>	Dol	--	--	--	-24,733	-603.24
Irrigated pasture	AUM	--	--	--	--	--							
Hay produced	Ton	--	--	--	--	--							
Hay purchased	Ton	--	--	--	--	--							
							: Jan. : Feb. : Mar. : Apr. : May : June : July : Aug. : Sept. : Oct. : Nov. : Dec.						
Feed source:													
National Forest <u>16/</u>	AM	28.0	28.0	28.0	28.0	28.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Bureau of Land Management <u>16/</u>	AM	--	--	--	5.0	10.0	10.0	10.0	10.0	10.0	10.0	--	--
Pasture rent/lease <u>17/</u>	AUM	2.1	2.4	2.6	1.7	2.5	2.4	2.6	2.6	4.5	0.7	3.6	3.9
State land lease	AUM	--	--	--	--	2.0	2.0	2.0	2.0	2.0	2.0	--	--
Deeded rangeland <u>17/</u>	AUM	8.5	9.4	10.4	6.9	9.9	9.7	10.5	10.5	18.1	2.9	14.4	15.2
Irrigated pasture <u>17/</u>	AUM	--	--	--	--	--	--	--	--	--	--	--	--
Crop residue <u>17/</u>	AUM	--	--	--	--	--	--	--	--	--	--	--	--
Hay	Ton	--	--	--	--	--	--	--	--	--	--	--	--
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--
Protein supplement	Ton	2.0	2.0	2.0	2.0	--	--	--	--	--	--	--	--
Marketing month:													
Steer calves	Head	--	--	--	--	--	--	--	--	--	16.0	--	--
Heifer calves	Head	--	--	--	--	--	--	--	--	--	9.0	--	--
Yearling steers	Head	--	--	--	--	--	--	--	--	--	1.0	--	--
Yearling heifers	Head	--	--	--	--	--	--	--	--	--	3.0	--	--
Cull cows	Head	--	--	--	--	--	--	--	--	--	5.0	--	--

Table 106--Beef cow enterprises with 100-399 cows, Lincoln National Forest, South-Central New Mexico, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																										
Production:							Cash costs--Continued																																																																																																																																																																																																																																																
Bred cows 1/	Head	193	--	--	--	--	Protein supplement 5/	Ton	36.0	--	248.20	8,935	46.30																																																																																																																																																																																																																																										
Annual cow loss	Head	4	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																										
Cows culled	Head	21	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--																																																																																																																																																																																																																																										
Calves born alive	Head	168	--	--	--	--	Salt and mineral	Cwt	67.6	--	5.80	392	2.03																																																																																																																																																																																																																																										
Calves lost birth to weaning	Head	3	--	--	--	--	Veterinary & medicine	Dol	--	--	--	501	2.60																																																																																																																																																																																																																																										
Steer calves weaned	Head	82	--	--	--	--	Hired trucking	Dol	--	--	--	572	2.96																																																																																																																																																																																																																																										
Sold as weaners	Head	75	--	--	--	--	Marketing 6/	Dol	--	--	--	680	3.52																																																																																																																																																																																																																																										
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	Dol	--	--	--	1,866	9.67																																																																																																																																																																																																																																										
Sold as yearlings	Head	7	--	--	--	--	Hired labor	Hrs	1,608.0	--	4.82	7,751	40.16																																																																																																																																																																																																																																										
Heifer calves weaned	Head	83	--	--	--	--	Fuel and lubricants	Dol	--	--	--	4,510	23.37																																																																																																																																																																																																																																										
Sold as weaners	Head	46	--	--	--	--	Repairs	Dol	--	--	--	4,438	22.99																																																																																																																																																																																																																																										
Lost after weaning	Head	1	--	--	--	--	Taxes 8/	Dol	--	--	--	1,264	6.55																																																																																																																																																																																																																																										
Sold as yearlings	Head	11	--	--	--	--	Insurance	Dol	--	--	--	976	5.06																																																																																																																																																																																																																																										
Kept for herd replacement 2/	Head	25	--	--	--	--	Interest on operating capital 9/	Dol	15,334.9	--	0.15	2,362	12.24																																																																																																																																																																																																																																										
Bulls	Head	10	--	--	--	--	Total cash costs	Dol	--	--	--	38,766	200.86																																																																																																																																																																																																																																										
Sales:							Other costs:																																																																																																																																																																																																																																																
Steer calves	Head	75	425	65.29	20,811	--	Family labor 10/	Hrs	1,608.0	--	4.82	7,751	40.16																																																																																																																																																																																																																																										
Heifer calves	Head	46	375	55.34	9,546	--	Capital replacement 11/	Dol	--	--	--	11,573	59.96																																																																																																																																																																																																																																										
Yearling steers	Head	7	650	63.06	2,869	--	Interest on investment other than land 13/	Dol	--	--	--	22,630	117.25																																																																																																																																																																																																																																										
Yearling heifers	Head	11	600	54.76	3,614	--	Interest on land 13/	Dol	--	--	--	86,578	448.59																																																																																																																																																																																																																																										
Cull cows	Head	21	850	37.71	6,731	--	Total other costs	Dol	--	--	--	128,532	665.97																																																																																																																																																																																																																																										
Total sales	Head	--	--	--	43,571	225.76	Total all costs	Dol	--	--	--	167,298	866.83																																																																																																																																																																																																																																										
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																
Federal grazing fees 3/	AM	1,749.0	--	1.86	3,253	16.85	Return above cash costs and family labor	Dol	--	--	--	4,805	24.90																																																																																																																																																																																																																																										
Private pasture lease	AUM	181.9	--	6.26	1,139	5.90	Return to total investment 14/	Dol	--	--	--	-2,946	-15.26																																																																																																																																																																																																																																										
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-14,519	-75.23																																																																																																																																																																																																																																										
State land lease	AUM	91.0	--	1.40	127	0.66						-37,149	-192.48																																																																																																																																																																																																																																										
Irrigated pasture	AUM	--	--	--	--	--																																																																																																																																																																																																																																																	
Hay produced	Ton	--	--	--	--	--																																																																																																																																																																																																																																																	
Hay purchased	Ton	--	--	--	--	--																																																																																																																																																																																																																																																	
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td>Feed source:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>93.0</td> <td>94.0</td> <td>89.0</td> <td>89.0</td> <td>94.0</td> <td>113.0</td> <td>108.0</td> <td>107.0</td> <td>107.0</td> <td>106.0</td> <td>100.0</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>13.0</td> <td>15.0</td> <td>22.0</td> <td>44.0</td> <td>66.0</td> <td>58.0</td> <td>62.0</td> <td>62.0</td> <td>63.0</td> <td>35.0</td> <td>41.0</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>14.2</td> <td>15.9</td> <td>16.8</td> <td>12.3</td> <td>16.0</td> <td>14.7</td> <td>15.8</td> <td>16.3</td> <td>15.9</td> <td>12.1</td> <td>16.0</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>2.0</td> <td>2.0</td> <td>4.0</td> <td>7.0</td> <td>12.0</td> <td>10.0</td> <td>11.0</td> <td>12.0</td> <td>11.0</td> <td>4.0</td> <td>5.0</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>56.9</td> <td>63.5</td> <td>67.2</td> <td>49.1</td> <td>63.8</td> <td>59.0</td> <td>63.2</td> <td>65.3</td> <td>63.6</td> <td>48.8</td> <td>64.0</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>9.0</td> <td>9.0</td> <td>9.0</td> <td>9.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Marketing month:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>75.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>46.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>7.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>11.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>21.0</td> <td>--</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:													National Forest 16/	AM	93.0	94.0	89.0	89.0	94.0	113.0	108.0	107.0	107.0	106.0	100.0	Bureau of Land Management 16/	AM	13.0	15.0	22.0	44.0	66.0	58.0	62.0	62.0	63.0	35.0	41.0	Pasture rent/lease 17/	AUM	14.2	15.9	16.8	12.3	16.0	14.7	15.8	16.3	15.9	12.1	16.0	State land lease	AUM	2.0	2.0	4.0	7.0	12.0	10.0	11.0	12.0	11.0	4.0	5.0	Deeded rangeland 17/	AUM	56.9	63.5	67.2	49.1	63.8	59.0	63.2	65.3	63.6	48.8	64.0	Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	Hay	Ton	--	--	--	--	--	--	--	--	--	--	--	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	9.0	9.0	9.0	9.0	--	--	--	--	--	--	--	Marketing month:													Steer calves	Head	--	--	--	--	--	--	--	--	75.0	--	--	Heifer calves	Head	--	--	--	--	--	--	--	--	46.0	--	--	Yearling steers	Head	--	--	--	--	--	--	--	--	7.0	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	--	11.0	--	--	Cull cows	Head	--	--	--	--	--	--	--	--	21.0	--	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																											
Feed source:																																																																																																																																																																																																																																																							
National Forest 16/	AM	93.0	94.0	89.0	89.0	94.0	113.0	108.0	107.0	107.0	106.0	100.0																																																																																																																																																																																																																																											
Bureau of Land Management 16/	AM	13.0	15.0	22.0	44.0	66.0	58.0	62.0	62.0	63.0	35.0	41.0																																																																																																																																																																																																																																											
Pasture rent/lease 17/	AUM	14.2	15.9	16.8	12.3	16.0	14.7	15.8	16.3	15.9	12.1	16.0																																																																																																																																																																																																																																											
State land lease	AUM	2.0	2.0	4.0	7.0	12.0	10.0	11.0	12.0	11.0	4.0	5.0																																																																																																																																																																																																																																											
Deeded rangeland 17/	AUM	56.9	63.5	67.2	49.1	63.8	59.0	63.2	65.3	63.6	48.8	64.0																																																																																																																																																																																																																																											
Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Hay	Ton	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Protein supplement	Ton	9.0	9.0	9.0	9.0	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Marketing month:																																																																																																																																																																																																																																																							
Steer calves	Head	--	--	--	--	--	--	--	--	75.0	--	--																																																																																																																																																																																																																																											
Heifer calves	Head	--	--	--	--	--	--	--	--	46.0	--	--																																																																																																																																																																																																																																											
Yearling steers	Head	--	--	--	--	--	--	--	--	7.0	--	--																																																																																																																																																																																																																																											
Yearling heifers	Head	--	--	--	--	--	--	--	--	11.0	--	--																																																																																																																																																																																																																																											
Cull cows	Head	--	--	--	--	--	--	--	--	21.0	--	--																																																																																																																																																																																																																																											

Table 107--Beef cow enterprises with 400 or more cows, Lincoln National Forest, South-Central New Mexico, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																																											
Production:							Cash costs--Continued																																																																																																																																																																																																																																																																	
Bred cows 1/	Head	753	--	--	--	--	Protein supplement 5/	Ton	136.0	--	248.20	33,755	44.83																																																																																																																																																																																																																																																											
Annual cow loss	Head	15	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																																											
Cows culled	Head	96	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--																																																																																																																																																																																																																																																											
Calves born alive	Head	655	--	--	--	--	Salt and mineral	Cwt	264.0	--	5.80	1,531	2.03																																																																																																																																																																																																																																																											
Calves lost birth to weaning	Head	13	--	--	--	--	Veterinary & medicine	Dol	--	--	--	1,583	2.10																																																																																																																																																																																																																																																											
Steer calves weaned	Head	321	--	--	--	--	Hired trucking	Dol	--	--	--	1,857	2.47																																																																																																																																																																																																																																																											
Sold as weaners	Head	289	--	--	--	--	Marketing 6/	Dol	--	--	--	1,301	1.73																																																																																																																																																																																																																																																											
Lost after weaning	Head	1	--	--	--	--	General overhead 7/	Dol	--	--	--	4,789	6.36																																																																																																																																																																																																																																																											
Sold as yearlings	Head	31	--	--	--	--	Hired labor	Hrs	4,612.0	--	4.82	22,230	29.52																																																																																																																																																																																																																																																											
Heifer calves weaned	Head	321	--	--	--	--	Fuel and lubricants	Dol	--	--	--	4,970	6.60																																																																																																																																																																																																																																																											
Sold as weaners	Head	178	--	--	--	--	Repairs	Dol	--	--	--	13,272	17.63																																																																																																																																																																																																																																																											
Lost after weaning	Head	3	--	--	--	--	Taxes 8/	Dol	--	--	--	3,886	5.16																																																																																																																																																																																																																																																											
Sold as yearlings	Head	29	--	--	--	--	Insurance	Dol	--	--	--	3,434	4.56																																																																																																																																																																																																																																																											
Kept for herd replacement 2/	Head	111	--	--	--	--	Interest on operating capital 9/	Dol	45,357.2	--	0.15	6,985	9.28																																																																																																																																																																																																																																																											
Bulls	Head	38	--	--	--	--	Total cash costs	Dol	--	--	--	117,084	155.49																																																																																																																																																																																																																																																											
Sales:							Other costs:																																																																																																																																																																																																																																																																	
Steer calves	Head	289	425	65.29	80,192	--	Family labor 10/	Hrs	1,537.0	--	4.82	7,408	9.84																																																																																																																																																																																																																																																											
Heifer calves	Head	178	375	55.34	36,939	--	Capital replacement 11/	Dol	--	--	--	30,965	41.12																																																																																																																																																																																																																																																											
Yearling steers	Head	31	650	63.06	12,707	--	Interest on investment other than land 13/	Dol	--	--	--	79,263	105.26																																																																																																																																																																																																																																																											
Yearling heifers	Head	29	600	54.76	9,528	--	Total other costs	Dol	--	--	--	418,023	555.14																																																																																																																																																																																																																																																											
Cull cows	Head	96	850	37.71	30,771	--	Total all costs	Dol	--	--	--	535,107	710.63																																																																																																																																																																																																																																																											
Total sales	Head	--	--	--	170,137	225.95	Return above cash costs	Dol	--	--	--	53,053	70.46																																																																																																																																																																																																																																																											
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																																	
Federal grazing fees 3/	AM	6,170.0	--	1.86	11,476	15.24	Return above cash costs and family labor	Dol	--	--	--	45,645	60.62																																																																																																																																																																																																																																																											
Private pasture lease	AUM	862.6	--	6.26	5,400	7.17	Return to total investment 14/	Dol	--	--	--	14,680	19.50																																																																																																																																																																																																																																																											
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-64,583	-85.77																																																																																																																																																																																																																																																											
State land lease	AUM	439.0	--	1.40	615	0.82																																																																																																																																																																																																																																																																		
Irrigated pasture	AUM	--	--	--	--	--																																																																																																																																																																																																																																																																		
Hay produced	Ton	--	--	--	--	--																																																																																																																																																																																																																																																																		
Hay purchased	Ton	--	--	--	--	--																																																																																																																																																																																																																																																																		
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td colspan="14">Feed source:</td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>293.0</td> <td>293.0</td> <td>293.0</td> <td>293.0</td> <td>316.0</td> <td>317.0</td> <td>317.0</td> <td>317.0</td> <td>307.0</td> <td>261.0</td> <td>237.0</td> <td>237.0</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>78.0</td> <td>89.0</td> <td>98.0</td> <td>171.0</td> <td>259.0</td> <td>281.0</td> <td>281.0</td> <td>281.0</td> <td>289.0</td> <td>324.0</td> <td>261.0</td> <td>277.0</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>64.4</td> <td>70.8</td> <td>75.8</td> <td>62.7</td> <td>75.9</td> <td>75.4</td> <td>78.8</td> <td>80.2</td> <td>78.1</td> <td>79.9</td> <td>54.4</td> <td>66.2</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>10.0</td> <td>13.0</td> <td>15.0</td> <td>29.0</td> <td>47.0</td> <td>50.0</td> <td>51.0</td> <td>52.0</td> <td>50.0</td> <td>56.0</td> <td>31.0</td> <td>35.0</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>256.7</td> <td>283.2</td> <td>303.3</td> <td>250.9</td> <td>303.5</td> <td>301.5</td> <td>315.1</td> <td>320.7</td> <td>312.6</td> <td>319.5</td> <td>217.5</td> <td>264.8</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>34.0</td> <td>34.0</td> <td>34.0</td> <td>34.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td colspan="14">Marketing month:</td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>289.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>178.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>31.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>29.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>96.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:														National Forest 16/	AM	293.0	293.0	293.0	293.0	316.0	317.0	317.0	317.0	307.0	261.0	237.0	237.0	Bureau of Land Management 16/	AM	78.0	89.0	98.0	171.0	259.0	281.0	281.0	281.0	289.0	324.0	261.0	277.0	Pasture rent/lease 17/	AUM	64.4	70.8	75.8	62.7	75.9	75.4	78.8	80.2	78.1	79.9	54.4	66.2	State land lease	AUM	10.0	13.0	15.0	29.0	47.0	50.0	51.0	52.0	50.0	56.0	31.0	35.0	Deeded rangeland 17/	AUM	256.7	283.2	303.3	250.9	303.5	301.5	315.1	320.7	312.6	319.5	217.5	264.8	Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--	Hay	Ton	--	--	--	--	--	--	--	--	--	--	--	--	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	34.0	34.0	34.0	34.0	--	--	--	--	--	--	--	--	Marketing month:														Steer calves	Head	--	--	--	--	--	--	--	--	289.0	--	--	--	Heifer calves	Head	--	--	--	--	--	--	--	--	178.0	--	--	--	Yearling steers	Head	--	--	--	--	--	--	--	--	31.0	--	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	--	29.0	--	--	--	Cull cows	Head	--	--	--	--	--	--	--	--	96.0	--	--	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																																												
Feed source:																																																																																																																																																																																																																																																																								
National Forest 16/	AM	293.0	293.0	293.0	293.0	316.0	317.0	317.0	317.0	307.0	261.0	237.0	237.0																																																																																																																																																																																																																																																											
Bureau of Land Management 16/	AM	78.0	89.0	98.0	171.0	259.0	281.0	281.0	281.0	289.0	324.0	261.0	277.0																																																																																																																																																																																																																																																											
Pasture rent/lease 17/	AUM	64.4	70.8	75.8	62.7	75.9	75.4	78.8	80.2	78.1	79.9	54.4	66.2																																																																																																																																																																																																																																																											
State land lease	AUM	10.0	13.0	15.0	29.0	47.0	50.0	51.0	52.0	50.0	56.0	31.0	35.0																																																																																																																																																																																																																																																											
Deeded rangeland 17/	AUM	256.7	283.2	303.3	250.9	303.5	301.5	315.1	320.7	312.6	319.5	217.5	264.8																																																																																																																																																																																																																																																											
Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																											
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																											
Hay	Ton	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																											
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																											
Protein supplement	Ton	34.0	34.0	34.0	34.0	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																											
Marketing month:																																																																																																																																																																																																																																																																								
Steer calves	Head	--	--	--	--	--	--	--	--	289.0	--	--	--																																																																																																																																																																																																																																																											
Heifer calves	Head	--	--	--	--	--	--	--	--	178.0	--	--	--																																																																																																																																																																																																																																																											
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Yearling heifers	Head	--	--	--	--	--	--	--	--	29.0	--	--	--																																																																																																																																																																																																																																																											
Cull cows	Head	--	--	--	--	--	--	--	--	96.0	--	--	--																																																																																																																																																																																																																																																											

Table 108—Beef cow enterprises with up to 199 cows, Prescott National Forest, Central Arizona, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																										
Production:							Cash costs—Continued																																																																																																																																																																																																																																																
Bred cows 1/	Head	108	---	---	---	---	Protein supplement 5/	Ton	13.6	---	232.8	3,166	29.31																																																																																																																																																																																																																																										
Annual cow loss	Head	3	---	---	---	---	Grain	Bu	---	---	---	---	---																																																																																																																																																																																																																																										
Cows culled	Head	14	---	---	---	---	Other feed	Ton	---	---	---	---	---																																																																																																																																																																																																																																										
Calves born alive	Head	75	---	---	---	---	Salt and mineral	Cwt	38.0	---	4.88	185	1.71																																																																																																																																																																																																																																										
Calves lost birth to weaning	Head	6	---	---	---	---	Veterinary & medicine	Dol	---	---	---	315	2.92																																																																																																																																																																																																																																										
Steer calves weaned	Head	34	---	---	---	---	Hired trucking	Dol	---	---	---	207	1.92																																																																																																																																																																																																																																										
Sold as weaners	Head	34	---	---	---	---	Marketing 6/	Dol	---	---	---	364	3.37																																																																																																																																																																																																																																										
Lost after weaning	Head	---	---	---	---	---	General overhead 7/	Dol	---	---	---	304	2.81																																																																																																																																																																																																																																										
Sold as yearlings	Head	---	---	---	---	---	Hired labor	Hrs	345.0	---	4.82	1,663	15.40																																																																																																																																																																																																																																										
Heifer calves weaned	Head	35	---	---	---	---	Fuel and lubricants	Dol	---	---	---	804	7.44																																																																																																																																																																																																																																										
Sold as weaners	Head	18	---	---	---	---	Repairs	Dol	---	---	---	496	4.59																																																																																																																																																																																																																																										
Lost after weaning	Head	---	---	---	---	---	Taxes 8/	Dol	---	---	---	151	1.40																																																																																																																																																																																																																																										
Sold as yearlings	Head	---	---	---	---	---	Insurance	Dol	---	---	---	455	4.22																																																																																																																																																																																																																																										
Kept for herd replacement 2/	Head	17	---	---	---	---	Interest on operating capital 9/	Dol	4,858.8	---	0.15	719	6.66																																																																																																																																																																																																																																										
Bulls	Head	7	---	---	---	---	Total cash costs	Dol	---	---	---	11,241	104.08																																																																																																																																																																																																																																										
Sales:							Other costs:																																																																																																																																																																																																																																																
Steer calves	Head	34	445	65.44	9,901	---	Family labor 10/	Hrs	635.0	---	4.82	3,061	28.34																																																																																																																																																																																																																																										
Heifer calves	Head	18	425	54.08	4,137	---	Capital replacement 11/	Dol	---	---	---	2,645	24.49																																																																																																																																																																																																																																										
Yearling steers	Head	---	---	---	---	---	Interest on investment other than land 13/	Dol	---	---	---	---	---																																																																																																																																																																																																																																										
Yearling heifers	Head	---	---	---	---	---	Interest on land 13/	Dol	---	---	---	4,712	43.63																																																																																																																																																																																																																																										
Cull cows	Head	14	830	35.05	4,073	---	Total other costs	Dol	---	---	---	19,806	183.39																																																																																																																																																																																																																																										
Total sales	Head	---	---	---	18,111	167.69	Total all costs	Dol	---	---	---	31,047	287.47																																																																																																																																																																																																																																										
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																
Federal grazing fees 3/	AM	1,296.0	---	1.86	2,411	22.32	Return above cash costs and family labor	Dol	---	---	---	6,870	63.61																																																																																																																																																																																																																																										
Private pasture lease	AUM	---	---	---	---	---	Return to total investment 14/	Dol	---	---	---	1,164	10.78																																																																																																																																																																																																																																										
Other pasture lease 4/	AUM	---	---	---	---	---	Return to land 15/	Dol	---	---	---	-8,224	-76.15																																																																																																																																																																																																																																										
State land lease	AUM	---	---	---	---	---																																																																																																																																																																																																																																																	
Irrigated pasture	AUM	---	---	---	---	---																																																																																																																																																																																																																																																	
Hay produced	Ton	---	---	---	---	---																																																																																																																																																																																																																																																	
Hay purchased	Ton	---	---	---	---	---																																																																																																																																																																																																																																																	
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	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																											
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Cull cows	Head	---	---	---	---	---	---	---	---	---	14.0	---																																																																																																																																																																																																																																											

Table 109--Beef cow enterprises with 200-499 cows, Prescott National Forest, Central Arizona, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																												
Production:							Cash costs--Continued																																																																																																																																																																																																																																																		
Bred cows 1/	Head	284	--	--	--	--	Protein supplement 5/	Ton	39.2	--	232.8	9,126	32.13																																																																																																																																																																																																																																												
Annual cow loss	Head	9	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																												
Cows culled	Head	33	--	--	--	--	Other feed	Ton	--	--	--	--	--																																																																																																																																																																																																																																												
Calves born alive	Head	185	--	--	--	--	Salt and mineral	Cwt	99.4	--	4.88	485	1.71																																																																																																																																																																																																																																												
Calves lost birth to weaning	Head	14	--	--	--	--	Veterinary & medicine	Dol	--	--	--	829	2.92																																																																																																																																																																																																																																												
Steer calves weaned	Head	85	--	--	--	--	Hired trucking	Dol	--	--	--	544	1.92																																																																																																																																																																																																																																												
Sold as weaners	Head	85	--	--	--	--	Marketing 6/	Dol	--	--	--	959	3.38																																																																																																																																																																																																																																												
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	Dol	--	--	--	2,026	7.13																																																																																																																																																																																																																																												
Sold as yearlings	Head	--	--	--	--	--	Hired labor	Hrs	1,815.0	--	4.82	8,748	30.80																																																																																																																																																																																																																																												
Heifer calves weaned	Head	86	--	--	--	--	Fuel and lubricants	Dol	--	--	--	5,210	18.35																																																																																																																																																																																																																																												
Sold as weaners	Head	44	--	--	--	--	Repairs	Dol	--	--	--	3,291	11.59																																																																																																																																																																																																																																												
Lost after weaning	Head	--	--	--	--	--	Taxes 8/	Dol	--	--	--	2,620	9.23																																																																																																																																																																																																																																												
Sold as yearlings	Head	--	--	--	--	--	Insurance	Dol	--	--	--	1,296	4.56																																																																																																																																																																																																																																												
Kept for herd replacement 2/	Head	42	--	--	--	--	Interest on operating capital 9/	Dol	17,139.7	--	0.15	2,537	8.93																																																																																																																																																																																																																																												
Bulls	Head	19	--	--	--	--	Total cash costs	Dol	--	--	--	43,000	151.41																																																																																																																																																																																																																																												
Sales:							Other costs:																																																																																																																																																																																																																																																		
Steer calves	Head	85	445	65.44	24,753	--	Family labor 10/	Hrs	3,340.0	--	4.82	16,099	56.69																																																																																																																																																																																																																																												
Heifer calves	Head	44	425	54.08	10,113	--	Capital replacement 11/	Dol	--	--	--	11,162	39.30																																																																																																																																																																																																																																												
Yearling steers	Head	--	--	--	--	--	Interest on investment other than land 13/	Dol	--	--	--	27,324	96.21																																																																																																																																																																																																																																												
Yearling heifers	Head	--	--	--	--	--	Interest on land 13/	Dol	--	--	--	126,465	445.30																																																																																																																																																																																																																																												
Cull cows	Head	33	830	35.05	9,600	--	Total other costs	Dol	--	--	--	181,050	637.50																																																																																																																																																																																																																																												
Total sales	Head	--	--	--	44,466	156.57	Total all costs	Dol	--	--	--	224,050	788.91																																																																																																																																																																																																																																												
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																		
Federal grazing fees 3/	AM	2,796.0	--	1.86	5,201	18.31	Return above cash costs and family labor	Dol	--	--	--	1,466	5.16																																																																																																																																																																																																																																												
Private pasture lease	AUM	--	--	--	--	--	Return to total investment 14/	Dol	--	--	--	-25,795	-90.83																																																																																																																																																																																																																																												
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-53,119	-187.04																																																																																																																																																																																																																																												
State land lease	AUM	125.4	--	1.02	128	.45																																																																																																																																																																																																																																																			
Irrigated pasture	AUM	--	--	--	--	--																																																																																																																																																																																																																																																			
Hay produced	Ton	--	--	--	--	--																																																																																																																																																																																																																																																			
Hay purchased	Ton	--	--	--	--	--																																																																																																																																																																																																																																																			
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	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																													
Feed source:																																																																																																																																																																																																																																																									
National Forest 16/	AM	213.0	213.0	213.0	213.0	213.0	213.0	213.0	213.0	213.0	213.0	213.0																																																																																																																																																																																																																																													
Bureau of Land Management 16/	AM	18.0	18.0	18.0	18.0	22.0	22.0	22.0	22.0	22.0	18.0	18.0																																																																																																																																																																																																																																													
Pasture rent/lease 17/	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
State land lease	AUM	5.7	6.4	7.0	7.6	9.2	14.1	14.6	14.8	14.4	9.5	9.8																																																																																																																																																																																																																																													
Deeded rangeland 17/	AUM	51.1	57.4	62.6	68.9	82.6	127.2	131.7	133.5	129.3	110.4	85.6																																																																																																																																																																																																																																													
Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Hay	Ton	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Protein supplement	Ton	7.9	7.9	7.9	7.9	7.6	--	--	--	--	--	--																																																																																																																																																																																																																																													
Marketing month:																																																																																																																																																																																																																																																									
Steer calves	Head	--	--	--	--	--	--	--	--	--	85.0	--																																																																																																																																																																																																																																													
Heifer calves	Head	--	--	--	--	--	--	--	--	--	44.0	--																																																																																																																																																																																																																																													
Yearling steers	Head	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Yearling heifers	Head	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Cull cows	Head	--	--	--	--	--	--	--	--	--	33.0	--																																																																																																																																																																																																																																													

Table 110--Beef cow enterprises with 500 or more cows, Prescott National Forest, Central Arizona, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																												
Production:							Cash costs--Continued																																																																																																																																																																																																																																																		
Bred cows 1/	Head	750	--	--	--	--	Protein supplement 5/	Ton	84.0	--	232.8	19,555	26.07																																																																																																																																																																																																																																												
Annual cow loss	Head	22	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																												
Cows culled	Head	85	--	--	--	--	Other feed	Ton	--	--	--	--	--																																																																																																																																																																																																																																												
Calves born alive	Head	487	--	--	--	--	Salt and mineral	Cwt	262.5	--	4.88	1,281	1.71																																																																																																																																																																																																																																												
Calves lost birth to weaning	Head	38	--	--	--	--	Veterinary & medicine	Dol	--	--	--	2,651	3.53																																																																																																																																																																																																																																												
Steer calves weaned	Head	224	--	--	--	--	Hired trucking	Dol	--	--	--	1,953	2.60																																																																																																																																																																																																																																												
Sold as weaners	Head	224	--	--	--	--	Marketing 6/	Dol	--	--	--	1,988	2.65																																																																																																																																																																																																																																												
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	Dol	--	--	--	5,352	7.14																																																																																																																																																																																																																																												
Sold as yearlings	Head	--	--	--	--	--	Hired labor	Hrs	6,863.0	--	4.82	33,080	44.11																																																																																																																																																																																																																																												
Heifer calves weaned	Head	225	--	--	--	--	Fuel and lubricants	Dol	--	--	--	9,110	12.15																																																																																																																																																																																																																																												
Sold as weaners	Head	118	--	--	--	--	Repairs	Dol	--	--	--	10,047	13.40																																																																																																																																																																																																																																												
Lost after weaning	Head	--	--	--	--	--	Taxes 8/	Dol	--	--	--	6,454	8.61																																																																																																																																																																																																																																												
Sold as yearlings	Head	--	--	--	--	--	Insurance	Dol	--	--	--	3,293	4.39																																																																																																																																																																																																																																												
Kept for herd replacement 2/	Head	107	--	--	--	--	Interest on operating capital 9/	Dol	45,970.3	--	0.15	6,804	9.07																																																																																																																																																																																																																																												
Bulls	Head	50	--	--	--	--	Total cash costs	Dol	--	--	--	115,433	153.91																																																																																																																																																																																																																																												
Sales:							Other costs:																																																																																																																																																																																																																																																		
Steer calves	Head	224	445	65.44	65,231	--	Family labor 10/	Hrs	1,650.0	--	4.82	7,953	10.60																																																																																																																																																																																																																																												
Heifer calves	Head	118	425	54.08	27,121	--	Capital replacement 11/	Dol	--	--	--	30,414	40.55																																																																																																																																																																																																																																												
Yearling steers	Head	--	--	--	--	--	Interest on investment other than land 13/	Dol	--	--	--	74,066	98.75																																																																																																																																																																																																																																												
Yearling heifers	Head	--	--	--	--	--	Interest on land 13/	Dol	--	--	--	304,182	405.58																																																																																																																																																																																																																																												
Cull cows	Head	85	830	35.05	24,728	--	Total other costs	Dol	--	--	--	416,615	555.49																																																																																																																																																																																																																																												
Total sales	Head	--	--	--	117,080	156.11	Total all costs	Dol	--	--	--	532,048	709.40																																																																																																																																																																																																																																												
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																		
Federal grazing fees 3/	AM	5,272.0	--	1.86	9,806	13.07	Return above cash costs:	Dol	--	--	--	1,647	2.20																																																																																																																																																																																																																																												
Private pasture lease	AUM	600.0	--	6.26	3,756	5.01	Return above cash costs: and family labor	Dol	--	--	--	-6,306	-8.41																																																																																																																																																																																																																																												
Other pasture lease 4/	AUM	--	--	--	--	--	Return to total investment 14/	Dol	--	--	--	-36,720	-48.96																																																																																																																																																																																																																																												
State land lease	AUM	297.0	--	1.02	303	.40	Return to land 15/	Dol	--	--	--	-110,786	-147.71																																																																																																																																																																																																																																												
Irrigated pasture	AUM	--	--	--	--	--																																																																																																																																																																																																																																																			
Hay produced	Ton	--	--	--	--	--																																																																																																																																																																																																																																																			
Hay purchased	Ton	--	--	--	--	--																																																																																																																																																																																																																																																			
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td colspan="14">Feed source:</td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>345.0</td> <td>345.0</td> <td>345.0</td> <td>345.0</td> <td>345.0</td> <td>345.0</td> <td>345.0</td> <td>345.0</td> <td>345.0</td> <td>345.0</td> <td>345.0</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>88.0</td> <td>88.0</td> <td>88.0</td> <td>88.0</td> <td>98.0</td> <td>102.0</td> <td>102.0</td> <td>102.0</td> <td>98.0</td> <td>88.0</td> <td>88.0</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>34.0</td> <td>38.0</td> <td>41.0</td> <td>45.0</td> <td>50.0</td> <td>62.0</td> <td>63.0</td> <td>64.0</td> <td>61.0</td> <td>43.0</td> <td>43.0</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>17.0</td> <td>19.0</td> <td>20.0</td> <td>22.0</td> <td>25.0</td> <td>31.0</td> <td>31.0</td> <td>32.0</td> <td>30.0</td> <td>21.0</td> <td>21.0</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>294.7</td> <td>326.5</td> <td>351.1</td> <td>385.8</td> <td>423.8</td> <td>528.7</td> <td>539.7</td> <td>543.6</td> <td>520.4</td> <td>478.8</td> <td>364.2</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>16.8</td> <td>16.8</td> <td>16.8</td> <td>16.8</td> <td>16.8</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td colspan="14">Marketing month:</td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>224.0</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>118.0</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>85.0</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:														National Forest 16/	AM	345.0	345.0	345.0	345.0	345.0	345.0	345.0	345.0	345.0	345.0	345.0	Bureau of Land Management 16/	AM	88.0	88.0	88.0	88.0	98.0	102.0	102.0	102.0	98.0	88.0	88.0	Pasture rent/lease 17/	AUM	34.0	38.0	41.0	45.0	50.0	62.0	63.0	64.0	61.0	43.0	43.0	State land lease	AUM	17.0	19.0	20.0	22.0	25.0	31.0	31.0	32.0	30.0	21.0	21.0	Deeded rangeland 17/	AUM	294.7	326.5	351.1	385.8	423.8	528.7	539.7	543.6	520.4	478.8	364.2	Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	Hay	Ton	--	--	--	--	--	--	--	--	--	--	--	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	16.8	16.8	16.8	16.8	16.8	--	--	--	--	--	--	Marketing month:														Steer calves	Head	--	--	--	--	--	--	--	--	--	224.0	--	Heifer calves	Head	--	--	--	--	--	--	--	--	--	118.0	--	Yearling steers	Head	--	--	--	--	--	--	--	--	--	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	--	--	--	--	Cull cows	Head	--	--	--	--	--	--	--	--	--	85.0	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																													
Feed source:																																																																																																																																																																																																																																																									
National Forest 16/	AM	345.0	345.0	345.0	345.0	345.0	345.0	345.0	345.0	345.0	345.0	345.0																																																																																																																																																																																																																																													
Bureau of Land Management 16/	AM	88.0	88.0	88.0	88.0	98.0	102.0	102.0	102.0	98.0	88.0	88.0																																																																																																																																																																																																																																													
Pasture rent/lease 17/	AUM	34.0	38.0	41.0	45.0	50.0	62.0	63.0	64.0	61.0	43.0	43.0																																																																																																																																																																																																																																													
State land lease	AUM	17.0	19.0	20.0	22.0	25.0	31.0	31.0	32.0	30.0	21.0	21.0																																																																																																																																																																																																																																													
Deeded rangeland 17/	AUM	294.7	326.5	351.1	385.8	423.8	528.7	539.7	543.6	520.4	478.8	364.2																																																																																																																																																																																																																																													
Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Hay	Ton	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Protein supplement	Ton	16.8	16.8	16.8	16.8	16.8	--	--	--	--	--	--																																																																																																																																																																																																																																													
Marketing month:																																																																																																																																																																																																																																																									
Steer calves	Head	--	--	--	--	--	--	--	--	--	224.0	--																																																																																																																																																																																																																																													
Heifer calves	Head	--	--	--	--	--	--	--	--	--	118.0	--																																																																																																																																																																																																																																													
Yearling steers	Head	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Yearling heifers	Head	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Cull cows	Head	--	--	--	--	--	--	--	--	--	85.0	--																																																																																																																																																																																																																																													

Table 111--Beef cow enterprises with up to 100 cows, Santa Fe National Forest, North-Central New Mexico, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																												
Production:							Cash costs--Continued																																																																																																																																																																																																																																																		
Bred cows 1/	Head	31	--	--	--	--	Protein supplement 5/	Ton	0.9	--	248.20	223	7.21																																																																																																																																																																																																																																												
Annual cow loss	Head	2	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																												
Cows culled	Head	2	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--																																																																																																																																																																																																																																												
Calves born alive	Head	21	--	--	--	--	Salt and mineral	Cwt	11.0	--	5.80	64	2.07																																																																																																																																																																																																																																												
Calves lost birth to weaning	Head	3	--	--	--	--	Veterinary & medicine	Dol	--	--	--	154	4.97																																																																																																																																																																																																																																												
Steer calves weaned	Head	9	--	--	--	--	Hired trucking	Dol	--	--	--	57	1.84																																																																																																																																																																																																																																												
Sold as weaners	Head	9	--	--	--	--	Marketing 6/	Dol	--	--	--	168	5.42																																																																																																																																																																																																																																												
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	Dol	--	--	--	280	9.03																																																																																																																																																																																																																																												
Sold as yearlings	Head	--	--	--	--	--	Hired labor	Hrs	--	--	--	--	--																																																																																																																																																																																																																																												
Heifer calves weaned	Head	9	--	--	--	--	Fuel and lubricants	Dol	--	--	--	273	8.81																																																																																																																																																																																																																																												
Sold as weaners	Head	5	--	--	--	--	Repairs	Dol	--	--	--	196	6.32																																																																																																																																																																																																																																												
Lost after weaning	Head	--	--	--	--	--	Taxes 8/	Dol	--	--	--	71	2.29																																																																																																																																																																																																																																												
Sold as yearlings	Head	--	--	--	--	--	Insurance	Dol	--	--	--	139	4.48																																																																																																																																																																																																																																												
Kept for herd replacement 2/	Head	4	--	--	--	--	Interest on operating capital 9/	Dol	1,707.0	--	0.15	256	8.26																																																																																																																																																																																																																																												
Bulls	Head	1	--	--	--	--	Total cash costs	Dol	--	--	--	3,611	116.48																																																																																																																																																																																																																																												
Sales:							Other costs:																																																																																																																																																																																																																																																		
Steer calves	Head	9	409	66.03	2,431	--	Family labor 10/	Hrs	233.0	--	4.82	1,123	36.23																																																																																																																																																																																																																																												
Heifer calves	Head	5	380	54.89	1,043	--	Capital replacement 11/	Dol	--	--	--	760	24.52																																																																																																																																																																																																																																												
Yearling steers	Head	--	--	--	--	--	Interest on investment other than land 13/	Dol	--	--	--	2,728	88.00																																																																																																																																																																																																																																												
Yearling heifers	Head	--	--	--	--	--	Interest on land 13/	Dol	--	--	--	5,176	166.97																																																																																																																																																																																																																																												
Cull cows	Head	2	867	35.05	608	--	Total other costs	Dol	--	--	--	9,787	315.71																																																																																																																																																																																																																																												
Total sales	Head	--	--	--	4,082	131.68	Total all costs	Dol	--	--	--	13,398	432.19																																																																																																																																																																																																																																												
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																		
Federal grazing fees 3/	AM	223.0	--	1.86	415	13.39	Return above cash costs: and family labor	Dol	--	--	--	-652	-21.03																																																																																																																																																																																																																																												
Private pasture lease	AUM	--	--	--	--	--	Return to total investment 14/	Dol	--	--	--	-1,412	-45.55																																																																																																																																																																																																																																												
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-4,140	-133.55																																																																																																																																																																																																																																												
State land lease	AUM	--	--	--	--	--																																																																																																																																																																																																																																																			
Irrigated pasture	AUM	--	--	--	--	--																																																																																																																																																																																																																																																			
Hay produced	Ton	1.8'	--	37.25	67	2.16																																																																																																																																																																																																																																																			
Hay purchased	Ton	15.8'	--	79.00	1,248	40.26																																																																																																																																																																																																																																																			
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td colspan="14">Feed source:</td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>7.0</td> <td>7.0</td> <td>7.0</td> <td>8.0</td> <td>12.0</td> <td>21.0</td> <td>25.0</td> <td>25.0</td> <td>19.0</td> <td>8.0</td> <td>8.0</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>6.0</td> <td>6.0</td> <td>6.0</td> <td>6.0</td> <td>5.0</td> <td>5.0</td> <td>--</td> <td>--</td> <td>3.0</td> <td>6.0</td> <td>8.0</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>4.3</td> <td>4.4</td> <td>14.5</td> <td>23.2</td> <td>22.6</td> <td>12.8</td> <td>14.3</td> <td>14.3</td> <td>12.6</td> <td>15.8</td> <td>20.0</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>5.0</td> <td>5.0</td> <td>2.6</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>5.0</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>--</td> <td>0.3</td> <td>0.3</td> <td>0.3</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td colspan="14">Marketing month:</td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>9.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>5.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>2.0</td> <td>--</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:														National Forest 16/	AM	7.0	7.0	7.0	8.0	12.0	21.0	25.0	25.0	19.0	8.0	8.0	Bureau of Land Management 16/	AM	6.0	6.0	6.0	6.0	5.0	5.0	--	--	3.0	6.0	8.0	Pasture rent/lease 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--	Deeded rangeland 17/	AUM	4.3	4.4	14.5	23.2	22.6	12.8	14.3	14.3	12.6	15.8	20.0	Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	Hay	Ton	5.0	5.0	2.6	--	--	--	--	--	--	--	5.0	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	--	0.3	0.3	0.3	--	--	--	--	--	--	--	Marketing month:														Steer calves	Head	--	--	--	--	--	--	--	--	9.0	--	--	Heifer calves	Head	--	--	--	--	--	--	--	--	5.0	--	--	Yearling steers	Head	--	--	--	--	--	--	--	--	--	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	--	--	--	--	Cull cows	Head	--	--	--	--	--	--	--	--	2.0	--	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																													
Feed source:																																																																																																																																																																																																																																																									
National Forest 16/	AM	7.0	7.0	7.0	8.0	12.0	21.0	25.0	25.0	19.0	8.0	8.0																																																																																																																																																																																																																																													
Bureau of Land Management 16/	AM	6.0	6.0	6.0	6.0	5.0	5.0	--	--	3.0	6.0	8.0																																																																																																																																																																																																																																													
Pasture rent/lease 17/	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Deeded rangeland 17/	AUM	4.3	4.4	14.5	23.2	22.6	12.8	14.3	14.3	12.6	15.8	20.0																																																																																																																																																																																																																																													
Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Hay	Ton	5.0	5.0	2.6	--	--	--	--	--	--	--	5.0																																																																																																																																																																																																																																													
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Protein supplement	Ton	--	0.3	0.3	0.3	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Marketing month:																																																																																																																																																																																																																																																									
Steer calves	Head	--	--	--	--	--	--	--	--	9.0	--	--																																																																																																																																																																																																																																													
Heifer calves	Head	--	--	--	--	--	--	--	--	5.0	--	--																																																																																																																																																																																																																																													
Yearling steers	Head	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Yearling heifers	Head	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Cull cows	Head	--	--	--	--	--	--	--	--	2.0	--	--																																																																																																																																																																																																																																													

Table 112—Beef cow enterprises with 100 or more cows, Santa Fe National Forest, North-Central New Mexico, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																																											
Production:							Cash costs—Continued																																																																																																																																																																																																																																																																	
Bred cows 1/	Head	176	--	--	--	--	Protein supplement 5/	Ton	5.3	--	248.20	1,315	7.47																																																																																																																																																																																																																																																											
Annual cow loss	Head	14	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																																											
Cows culled	Head	9	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--																																																																																																																																																																																																																																																											
Calves born alive	Head	120	--	--	--	--	Salt and mineral	Cwt	62.0	--	5.80	360	2.05																																																																																																																																																																																																																																																											
Calves lost birth to weaning	Head	14	--	--	--	--	Veterinary & medicine	Dol	--	--	--	493	2.80																																																																																																																																																																																																																																																											
Steer calves weaned	Head	53	--	--	--	--	Hired trucking	Dol	--	--	--	338	1.92																																																																																																																																																																																																																																																											
Sold as weaners	Head	53	--	--	--	--	Marketing 6/	Dol	--	--	--	595	3.38																																																																																																																																																																																																																																																											
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	Dol	--	--	--	1,256	7.14																																																																																																																																																																																																																																																											
Sold as yearlings	Head	--	--	--	--	--	Hired labor	Hrs	795.0	--	4.82	3,832	21.77																																																																																																																																																																																																																																																											
Heifer calves weaned	Head	53	--	--	--	--	Fuel and lubricants	Dol	--	--	--	1,254	7.13																																																																																																																																																																																																																																																											
Sold as weaners	Head	30	--	--	--	--	Repairs	Dol	--	--	--	1,321	7.51																																																																																																																																																																																																																																																											
Lost after weaning	Head	--	--	--	--	--	Taxes 8/	Dol	--	--	--	797	4.53																																																																																																																																																																																																																																																											
Sold as yearlings	Head	--	--	--	--	--	Insurance	Dol	--	--	--	772	4.39																																																																																																																																																																																																																																																											
Kept for herd replacement 2/	Head	23	--	--	--	--	Interest on operating capital 9/	Dol	10,826.0	--	0.15	1,624	9.23																																																																																																																																																																																																																																																											
Bulls	Head	6	--	--	--	--	Total cash costs	Dol	--	--	--	23,657	134.42																																																																																																																																																																																																																																																											
Sales:							Other costs:																																																																																																																																																																																																																																																																	
Steer calves	Head	53	409	66.03	14,313	--	Family labor 10/	Hrs	2,070.0	--	4.82	9,977	56.69																																																																																																																																																																																																																																																											
Heifer calves	Head	30	380	54.89	6,257	--	Capital replacement 11/	Dol	--	--	--	4,220	23.98																																																																																																																																																																																																																																																											
Yearling steers	Head	--	--	--	--	--	Interest on investment other than land 13/	Dol	--	--	--	15,674	89.06																																																																																																																																																																																																																																																											
Yearling heifers	Head	--	--	--	--	--	Interest on land 13/	Dol	--	--	--	76,007	431.86																																																																																																																																																																																																																																																											
Cull cows	Head	9	867	35.05	2,735	--	Total other costs	Dol	--	--	--	105,878	601.58																																																																																																																																																																																																																																																											
Total sales	Head	--	--	--	23,305	132.42	Total all costs	Dol	--	--	--	129,535	736.00																																																																																																																																																																																																																																																											
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																																	
Federal grazing fees 3/	AM	1,387.0	--	1.86	2,580	14.66	Return above cash costs and family labor	Dol	--	--	--	-352	-2.00																																																																																																																																																																																																																																																											
Private pasture lease	AUM	--	--	--	--	--	Return to total investment 14/	Dol	--	--	--	-14,549	-82.67																																																																																																																																																																																																																																																											
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-30,223	-171.72																																																																																																																																																																																																																																																											
State land lease	AUM	--	--	--	--	--																																																																																																																																																																																																																																																																		
Irrigated pasture	AUM	--	--	--	--	--																																																																																																																																																																																																																																																																		
Hay produced	Ton	23.6	--	37.25	879	5.00																																																																																																																																																																																																																																																																		
Hay purchased	Ton	79.0	--	79.00	6,241	35.46																																																																																																																																																																																																																																																																		
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td colspan="14">Feed source:</td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>32.0</td> <td>32.0</td> <td>32.0</td> <td>41.0</td> <td>56.0</td> <td>84.0</td> <td>102.0</td> <td>102.0</td> <td>99.0</td> <td>75.0</td> <td>45.0</td> <td>45.0</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>65.0</td> <td>65.0</td> <td>65.0</td> <td>65.0</td> <td>65.0</td> <td>47.0</td> <td>33.0</td> <td>33.0</td> <td>33.0</td> <td>44.0</td> <td>62.0</td> <td>65.0</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>13.3</td> <td>20.5</td> <td>69.9</td> <td>106.6</td> <td>101.7</td> <td>94.3</td> <td>90.6</td> <td>90.6</td> <td>92.5</td> <td>99.3</td> <td>86.0</td> <td>.3</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>30.10</td> <td>30.10</td> <td>12.3</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>30.10</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>--</td> <td>1.8</td> <td>1.8</td> <td>1.7</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td colspan="14">Marketing month:</td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>53.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>30.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>9.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:														National Forest 16/	AM	32.0	32.0	32.0	41.0	56.0	84.0	102.0	102.0	99.0	75.0	45.0	45.0	Bureau of Land Management 16/	AM	65.0	65.0	65.0	65.0	65.0	47.0	33.0	33.0	33.0	44.0	62.0	65.0	Pasture rent/lease 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--	State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--	--	Deeded rangeland 17/	AUM	13.3	20.5	69.9	106.6	101.7	94.3	90.6	90.6	92.5	99.3	86.0	.3	Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--	Hay	Ton	30.10	30.10	12.3	--	--	--	--	--	--	--	--	30.10	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	--	1.8	1.8	1.7	--	--	--	--	--	--	--	--	Marketing month:														Steer calves	Head	--	--	--	--	--	--	--	--	53.0	--	--	--	Heifer calves	Head	--	--	--	--	--	--	--	--	30.0	--	--	--	Yearling steers	Head	--	--	--	--	--	--	--	--	--	--	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	--	--	--	--	--	Cull cows	Head	--	--	--	--	--	--	--	--	9.0	--	--	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																																												
Feed source:																																																																																																																																																																																																																																																																								
National Forest 16/	AM	32.0	32.0	32.0	41.0	56.0	84.0	102.0	102.0	99.0	75.0	45.0	45.0																																																																																																																																																																																																																																																											
Bureau of Land Management 16/	AM	65.0	65.0	65.0	65.0	65.0	47.0	33.0	33.0	33.0	44.0	62.0	65.0																																																																																																																																																																																																																																																											
Pasture rent/lease 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																											
State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																											
Deeded rangeland 17/	AUM	13.3	20.5	69.9	106.6	101.7	94.3	90.6	90.6	92.5	99.3	86.0	.3																																																																																																																																																																																																																																																											
Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																											
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																											
Hay	Ton	30.10	30.10	12.3	--	--	--	--	--	--	--	--	30.10																																																																																																																																																																																																																																																											
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																											
Protein supplement	Ton	--	1.8	1.8	1.7	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																											
Marketing month:																																																																																																																																																																																																																																																																								
Steer calves	Head	--	--	--	--	--	--	--	--	53.0	--	--	--																																																																																																																																																																																																																																																											
Heifer calves	Head	--	--	--	--	--	--	--	--	30.0	--	--	--																																																																																																																																																																																																																																																											
Yearling steers	Head	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																											
Yearling heifers	Head	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																											
Cull cows	Head	--	--	--	--	--	--	--	--	9.0	--	--	--																																																																																																																																																																																																																																																											

Table 113--Beef cow enterprises with up to 199 cows, Tonto National Forest, Central Arizona, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																																											
Production:							Cash costs--Continued																																																																																																																																																																																																																																																																	
Bred cows 1/	Head	77	--	--	--	--	Protein supplement 5/	Ton	--	--	--	--	--																																																																																																																																																																																																																																																											
Annual cow loss	Head	3	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																																											
Cows culled	Head	6	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--																																																																																																																																																																																																																																																											
Calves born alive	Head	63	--	--	--	--	Salt and mineral	Cwt	27.0	--	4.88	132	1.71																																																																																																																																																																																																																																																											
Calves lost birth to weaning	Head	3	--	--	--	--	Veterinary & medicine	Dol	--	--	--	218	2.83																																																																																																																																																																																																																																																											
Steer calves weaned	Head	30	--	--	--	--	Hired trucking	Dol	--	--	--	144	1.87																																																																																																																																																																																																																																																											
Sold as weaners	Head	4	--	--	--	--	Marketing 6/	Dol	--	--	--	254	3.30																																																																																																																																																																																																																																																											
Lost after weaning	Head	1	--	--	--	--	General overhead 7/	Dol	--	--	--	--	--																																																																																																																																																																																																																																																											
Sold as yearlings	Head	25	--	--	--	--	Hired labor	Hrs	263.0	--	4.82	1,268	16.47																																																																																																																																																																																																																																																											
Heifer calves weaned	Head	30	--	--	--	--	Fuel and lubricants	Dol	--	--	--	1,010	13.12																																																																																																																																																																																																																																																											
Sold as weaners	Head	3	--	--	--	--	Repairs	Dol	--	--	--	881	11.44																																																																																																																																																																																																																																																											
Lost after weaning	Head	30	--	--	--	--	Taxes 8/	Dol	--	--	--	1,389	18.04																																																																																																																																																																																																																																																											
Sold as yearlings	Head	18	--	--	--	--	Insurance	Dol	--	--	--	382	4.96																																																																																																																																																																																																																																																											
Kept for herd replacement 2/	Head	9	--	--	--	--	Interest on operating capital 9/	Dol	3,573.0	--	0.15	529	6.87																																																																																																																																																																																																																																																											
Bulls	Head	7	--	--	--	--	Total cash costs	Dol	--	--	--	8,623	111.99																																																																																																																																																																																																																																																											
Sales:							Other costs:																																																																																																																																																																																																																																																																	
Steer calves	Head	4	375	71.00	1,065	--	Family labor 10/	Hrs	787.0	--	4.82	3,793	49.26																																																																																																																																																																																																																																																											
Heifer calves	Head	3	325	56.00	546	--	Capital replacement 11/	Dol	--	--	--	4,365	56.69																																																																																																																																																																																																																																																											
Yearling steers	Head	25	600	63.30	9,495	--	Interest on investment other than land 13/	Dol	--	--	--	8,313	107.96																																																																																																																																																																																																																																																											
Yearling heifers	Head	18	550	57.81	5,723	--	Interest on land 13/	Dol	--	--	--	47,859	621.55																																																																																																																																																																																																																																																											
Cull cows	Head	6	800	37.71	1,810	--	Total other costs	Dol	--	--	--	64,330	835.46																																																																																																																																																																																																																																																											
Total sales	Head	--	--	--	18,639	242.07	Total all costs	Dol	--	--	--	72,953	947.44																																																																																																																																																																																																																																																											
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																																	
Federal grazing fees 3/	AM	1,299.0	--	1.86	2,416	31.38	Return above cash costs and family labor	Dol	--	--	--	10,016	130.08																																																																																																																																																																																																																																																											
Private pasture lease	AM	--	--	--	--	--	Return to total investment 14/	Dol	--	--	--	1,858	24.13																																																																																																																																																																																																																																																											
Other pasture lease 4/	AM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-6,455	-83.83																																																																																																																																																																																																																																																											
State land lease	AM	--	--	--	--	--																																																																																																																																																																																																																																																																		
Irrigated pasture	AM	--	--	--	--	--																																																																																																																																																																																																																																																																		
Hay produced	Ton	--	--	--	--	--																																																																																																																																																																																																																																																																		
Hay purchased	Ton	--	--	--	--	--																																																																																																																																																																																																																																																																		
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Table 114--Beef cow enterprises with 200-499 cows, Tonto National Forest, Central Arizona, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																										
Production:							Cash costs--Continued																																																																																																																																																																																																																																																
Bred cows 1/	Head	292	--	--	--	--	Protein supplement 5/	Ton	--	--	--	--	--																																																																																																																																																																																																																																										
Annual cow loss	Head	10	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																										
Cows culled	Head	24	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--																																																																																																																																																																																																																																										
Calves born alive	Head	239	--	--	--	--	Salt and mineral	Cwt	102.2	--	4.88	499	1.71																																																																																																																																																																																																																																										
Calves lost birth to weaning	Head	11	--	--	--	--	Veterinary & medicine	Dol	--	--	--	567	1.94																																																																																																																																																																																																																																										
Steer calves weaned	Head	114	--	--	--	--	Hired trucking	Dol	--	--	--	660	2.26																																																																																																																																																																																																																																										
Sold as weaners	Head	18	--	--	--	--	Marketing 6/	Dol	--	--	--	864	2.96																																																																																																																																																																																																																																										
Lost after weaning	Head	2	--	--	--	--	General overhead 7/	Dol	--	--	--	--	--																																																																																																																																																																																																																																										
Sold as yearlings	Head	94	--	--	--	--	Hired labor	Hrs	1,632.0	--	4.82	7,866	26.94																																																																																																																																																																																																																																										
Heifer calves weaned	Head	114	--	--	--	--	Fuel and lubricants	Dol	--	--	--	4,691	16.07																																																																																																																																																																																																																																										
Sold as weaners	Head	12	--	--	--	--	Repairs	Dol	--	--	--	3,293	11.28																																																																																																																																																																																																																																										
Lost after weaning	Head	2	--	--	--	--	Taxes 8/	Dol	--	--	--	3,034	10.39																																																																																																																																																																																																																																										
Sold as yearlings	Head	66	--	--	--	--	Insurance	Dol	--	--	--	1,354	4.64																																																																																																																																																																																																																																										
Kept for herd replacement 2/	Head	34	--	--	--	--	Interest on operating capital 9/	Dol	12,619.41	--	0.15	1,868	6.40																																																																																																																																																																																																																																										
Bulls	Head	24	--	--	--	--	Total cash costs	Dol	--	--	--	33,823	115.83																																																																																																																																																																																																																																										
Sales:							Other costs:																																																																																																																																																																																																																																																
Steer calves	Head	18	375	71.00	4,793	--	Family labor 10/	Hrs	1,632.0	--	4.82	7,866	26.94																																																																																																																																																																																																																																										
Heifer calves	Head	12	325	56.00	2,184	--	Capital replacement 11/	Dol	--	--	--	12,803	43.85																																																																																																																																																																																																																																										
Yearling steers	Head	94	600	63.30	35,701	--	Interest on investment other than land 13/	Dol	--	--	--	28,847	98.79																																																																																																																																																																																																																																										
Yearling heifers	Head	66	550	57.81	20,985	--	Interest on land 13/	Dol	--	--	--	147,884	506.45																																																																																																																																																																																																																																										
Cull cows	Head	24	800	37.71	7,240	--	Total other costs	Dol	--	--	--	197,400	676.03																																																																																																																																																																																																																																										
Total sales	Head	--	--	--	70,903	242.82	Total all costs	Dol	--	--	--	231,223	791.86																																																																																																																																																																																																																																										
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																
Federal grazing fees 3/	AM	4,907.0	--	1.86	9,127	31.26	Return above cash costs and family labor	Dol	--	--	--	37,080	126.99																																																																																																																																																																																																																																										
Private pasture lease	AUM	--	--	--	--	--	Return to total investment 14/	Dol	--	--	--	16,411	56.20																																																																																																																																																																																																																																										
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-12,436	-42.59																																																																																																																																																																																																																																										
State land lease	AUM	--	--	--	--	--																																																																																																																																																																																																																																																	
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Hay purchased	Ton	--	--	--	--	--																																																																																																																																																																																																																																																	
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	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																											
Feed source:																																																																																																																																																																																																																																																							
National Forest 16/	410.0	408.0	398.0	398.0	416.0	417.0	431.0	438.0	453.0	328.0	400.0	410.0																																																																																																																																																																																																																																											
Bureau of Land Management 16/	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Pasture rent/lease 17/	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
State land lease	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Deeded rangeland 17/	4.9	4.9	5.3	17.0	7.8	8.8	9.7	9.9	9.7	1.4	4.0	5.0																																																																																																																																																																																																																																											
Irrigated pasture 17/	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Crop residue 17/	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Hay	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Grain	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Protein supplement	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Marketing month:																																																																																																																																																																																																																																																							
Steer calves	--	--	--	--	--	--	--	--	--	18.0	--	--																																																																																																																																																																																																																																											
Heifer calves	--	--	--	--	--	--	--	--	--	12.0	--	--																																																																																																																																																																																																																																											
Yearling steers	--	--	--	--	94.0	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Yearling heifers	--	--	--	--	58.0	--	--	--	--	8.0	--	--																																																																																																																																																																																																																																											
Cull cows	--	--	--	--	--	--	--	--	--	24.0	--	--																																																																																																																																																																																																																																											

Table 115--Beef cow enterprises with 500 or more cows, Tonto National Forest, Central Arizona, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																																				
Production:							Cash costs--Continued																																																																																																																																																																																																																																																										
Bred cows 1/	Head	709	--	--	--	--	Protein supplement 5/	Ton	--	--	--	--	--																																																																																																																																																																																																																																																				
Annual cow loss	Head	25	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																																				
Cows culled	Head	55	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--																																																																																																																																																																																																																																																				
Calves born alive	Head	581	--	--	--	--	Salt and mineral	Cwt	249.1	--	4.88	1,216	1.72																																																																																																																																																																																																																																																				
Calves lost birth to weaning	Head	26	--	--	--	--	Veterinary & medicine	Dol	--	--	--	1,234	1.74																																																																																																																																																																																																																																																				
Steer calves weaned	Head	277	--	--	--	--	Hired trucking	Dol	--	--	--	2,012	2.84																																																																																																																																																																																																																																																				
Sold as weaners	Head	44	--	--	--	--	Marketing 6/	Dol	--	--	--	1,471	2.08																																																																																																																																																																																																																																																				
Lost after weaning	Head	5	--	--	--	--	General overhead 7/	Dol	--	--	--	5,411	7.63																																																																																																																																																																																																																																																				
Sold as yearlings	Head	228	--	--	--	--	Hired labor	Hrs	5,355.0	--	4.82	25,811	36.40																																																																																																																																																																																																																																																				
Heifer calves weaned	Head	278	--	--	--	--	Fuel and lubricants	Dol	--	--	--	9,367	13.21																																																																																																																																																																																																																																																				
Sold as weaners	Head	28	--	--	--	--	Repairs	Dol	--	--	--	9,070	12.79																																																																																																																																																																																																																																																				
Lost after weaning	Head	5	--	--	--	--	Taxes 8/	Dol	--	--	--	6,356	8.97																																																																																																																																																																																																																																																				
Sold as yearlings	Head	165	--	--	--	--	Insurance	Dol	--	--	--	3,187	4.50																																																																																																																																																																																																																																																				
Kept for herd replacement 2/	Head	80	--	--	--	--	Interest on operating capital 9/	Dol	29,262.8	--	0.15	4,331	6.11																																																																																																																																																																																																																																																				
Bulls	Head	59	--	--	--	--	Total cash costs	Dol	--	--	--	91,511	129.07																																																																																																																																																																																																																																																				
Sales:							Other costs:																																																																																																																																																																																																																																																										
Steer calves	Head	44	375	71.00	11,715	--	Family labor 10/	Hrs	1,785.0	--	4.82	8,604	12.14																																																																																																																																																																																																																																																				
Heifer calves	Head	28	325	56.00	5,096	--	Capital replacement 11/	Dol	--	--	--	32,844	46.33																																																																																																																																																																																																																																																				
Yearling steers	Head	228	600	63.30	86,594	--	Interest on investment other than land 13/	Dol	--	--	--	72,052	101.63																																																																																																																																																																																																																																																				
Yearling heifers	Head	165	550	57.81	52,463	--	Interest on land 13/	Dol	--	--	--	297,542	419.67																																																																																																																																																																																																																																																				
Cull cows	Head	55	800	37.71	16,592	--	Total other costs	Dol	--	--	--	411,042	579.75																																																																																																																																																																																																																																																				
Total sales	Head	--	--	--	172,460	243.24	Total all costs	Dol	--	--	--	502,553	708.82																																																																																																																																																																																																																																																				
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																										
Federal grazing fees 3/	AM	11,852.0	--	1.86	22,045	31.09	Return above cash costs:	Dol	--	--	--	80,949	114.17																																																																																																																																																																																																																																																				
Private pasture lease	AUM	--	--	--	--	--	Return above cash costs:	Dol	--	--	--	72,345	102.04																																																																																																																																																																																																																																																				
Other pasture lease 4/	AUM	--	--	--	--	--	and family labor	Dol	--	--	--	--	--																																																																																																																																																																																																																																																				
State land lease	AUM	--	--	--	--	--	Return to total investment 14/	Dol	--	--	--	39,501	55.71																																																																																																																																																																																																																																																				
Irrigated pasture	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-32,551	-45.91																																																																																																																																																																																																																																																				
Hay produced	Ton	--	--	--	--	--																																																																																																																																																																																																																																																											
Hay purchased	Ton	--	--	--	--	--																																																																																																																																																																																																																																																											
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td>Feed source:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>989.0</td> <td>986.0</td> <td>964.0</td> <td>962.0</td> <td>1,005.0</td> <td>1,007.0</td> <td>1,039.0</td> <td>1,057.0</td> <td>1,091.0</td> <td>797.0</td> <td>966.0</td> <td>989.0</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>11.8</td> <td>12.2</td> <td>11.2</td> <td>12.5</td> <td>16.3</td> <td>19.4</td> <td>22.8</td> <td>22.9</td> <td>24.1</td> <td>3.7</td> <td>10.9</td> <td>11.9</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Marketing month:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>44.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>28.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>228.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>147.0</td> <td>--</td> <td>--</td> <td>--</td> <td>18.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>55.0</td> <td>--</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:													National Forest 16/	AM	989.0	986.0	964.0	962.0	1,005.0	1,007.0	1,039.0	1,057.0	1,091.0	797.0	966.0	989.0	Bureau of Land Management 16/	AM	--	--	--	--	--	--	--	--	--	--	--	--	Pasture rent/lease 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--	State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--	--	Deeded rangeland 17/	AUM	11.8	12.2	11.2	12.5	16.3	19.4	22.8	22.9	24.1	3.7	10.9	11.9	Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--	Hay	Ton	--	--	--	--	--	--	--	--	--	--	--	--	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--	--	Marketing month:													Steer calves	Head	--	--	--	--	--	--	--	--	44.0	--	--	Heifer calves	Head	--	--	--	--	--	--	--	--	28.0	--	--	Yearling steers	Head	--	--	--	--	228.0	--	--	--	--	--	--	Yearling heifers	Head	--	--	--	--	147.0	--	--	--	18.0	--	--	Cull cows	Head	--	--	--	--	--	--	--	--	55.0	--	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																																					
Feed source:																																																																																																																																																																																																																																																																	
National Forest 16/	AM	989.0	986.0	964.0	962.0	1,005.0	1,007.0	1,039.0	1,057.0	1,091.0	797.0	966.0	989.0																																																																																																																																																																																																																																																				
Bureau of Land Management 16/	AM	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																				
Pasture rent/lease 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																				
State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																				
Deeded rangeland 17/	AUM	11.8	12.2	11.2	12.5	16.3	19.4	22.8	22.9	24.1	3.7	10.9	11.9																																																																																																																																																																																																																																																				
Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																				
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																				
Hay	Ton	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																				
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																				
Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																				
Marketing month:																																																																																																																																																																																																																																																																	
Steer calves	Head	--	--	--	--	--	--	--	--	44.0	--	--																																																																																																																																																																																																																																																					
Heifer calves	Head	--	--	--	--	--	--	--	--	28.0	--	--																																																																																																																																																																																																																																																					
Yearling steers	Head	--	--	--	--	228.0	--	--	--	--	--	--																																																																																																																																																																																																																																																					
Yearling heifers	Head	--	--	--	--	147.0	--	--	--	18.0	--	--																																																																																																																																																																																																																																																					
Cull cows	Head	--	--	--	--	--	--	--	--	55.0	--	--																																																																																																																																																																																																																																																					

Table 116--Beef cow enterprises with up to 99 cows, Ashley National Forest, Northeastern Utah, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																												
Production:							Cash costs--Continued																																																																																																																																																																																																																																																		
Bred cows 1/	Head	52	--	--	--	--	Protein supplement 5/	Ton	0.3	--	199.00	60	1.15																																																																																																																																																																																																																																												
Annual cow loss	Head	2	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																												
Cows culled	Head	6	--	--	--	--	Other feed	Ton	--	--	--	--	--																																																																																																																																																																																																																																												
Calves born alive	Head	50	--	--	--	--	Salt and mineral	Cwt	18.2	--	4.85	88	1.70																																																																																																																																																																																																																																												
Calves lost birth to weaning	Head	5	--	--	--	--	Veterinary & medicine	Dol	--	--	--	292	5.62																																																																																																																																																																																																																																												
Steer calves weaned	Head	22	--	--	--	--	Hired trucking	Dol	--	--	--	23	0.44																																																																																																																																																																																																																																												
Sold as weaners	Head	18	--	--	--	--	Marketing 6/	Dol	--	--	--	82	1.58																																																																																																																																																																																																																																												
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	Dol	--	--	--	343	6.60																																																																																																																																																																																																																																												
Sold as yearlings	Head	4	--	--	--	--	Hired labor	Hrs	18.0	--	4.17	75	1.44																																																																																																																																																																																																																																												
Heifer calves weaned	Head	23	--	--	--	--	Fuel and lubricants	Dol	--	--	--	852	16.38																																																																																																																																																																																																																																												
Sold as weaners	Head	10	--	--	--	--	Repairs	Dol	--	--	--	562	10.81																																																																																																																																																																																																																																												
Lost after weaning	Head	1	--	--	--	--	Taxes 8/	Dol	--	--	--	480	9.23																																																																																																																																																																																																																																												
Sold as yearlings	Head	4	--	--	--	--	Insurance	Dol	--	--	--	221	4.25																																																																																																																																																																																																																																												
Kept for herd replacement 2/	Head	8	--	--	--	--	Interest on operating capital 9/	Dol	5,760.0	--	0.15	864	16.62																																																																																																																																																																																																																																												
Bulls	Head	2	--	--	--	--	Total cash costs	Dol	--	--	--	9,717	186.87																																																																																																																																																																																																																																												
Sales:							Other costs:																																																																																																																																																																																																																																																		
Steer calves	Head	18	433	65.67	5,118	--	Family labor 10/	Hrs	627.0	--	4.17	2,615	50.29																																																																																																																																																																																																																																												
Heifer calves	Head	10	407	54.60	2,222	--	Capital replacement 11/	Dol	--	--	--	1,460	28.08																																																																																																																																																																																																																																												
Yearling steers	Head	4	764	62.00	1,895	--	Interest on investment other than land 13/	Dol	--	--	--	4,641	89.25																																																																																																																																																																																																																																												
Yearling heifers	Head	4	686	56.56	1,552	--	Interest on land 13/	Dol	--	--	--	19,532	375.62																																																																																																																																																																																																																																												
Cull cows	Head	6	886	34.20	1,818	--	Total other costs	Dol	--	--	--	28,248	543.23																																																																																																																																																																																																																																												
Total sales	Head	--	--	--	12,605	242.40	Total all costs	Dol	--	--	--	37,965	730.10																																																																																																																																																																																																																																												
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																		
Federal grazing fees 3/	AM	319.6	--	1.86	594	11.42	and family labor	Dol	--	--	--	273	5.25																																																																																																																																																																																																																																												
Private pasture lease	AUM	16.0	--	9.29	149	2.87	Return to total investment 14/	Dol	--	--	--	-1,187	-22.83																																																																																																																																																																																																																																												
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-5,828	-112.07																																																																																																																																																																																																																																												
State land lease	AUM	--	--	--	--	--																																																																																																																																																																																																																																																			
Irrigated pasture	AUM	52.0	--	5.14	267	5.13																																																																																																																																																																																																																																																			
Hay produced	Ton	100.3	--	40.71	4,083	78.52																																																																																																																																																																																																																																																			
Hay purchased	Ton	11.0	--	62.00	682	13.12																																																																																																																																																																																																																																																			
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td colspan="14">Feed source:</td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>20.0</td> <td>40.0</td> <td>40.0</td> <td>36.0</td> <td>6.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>30.0</td> <td>46.8</td> <td>20.6</td> <td>20.6</td> <td>23.8</td> <td>35.8</td> <td>--</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>5.0</td> <td>2.0</td> <td>2.0</td> <td>3.0</td> <td>4.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>30.0</td> <td>46.8</td> <td>20.6</td> <td>20.6</td> <td>23.8</td> <td>35.8</td> <td>--</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>11.0</td> <td>13.0</td> <td>14.0</td> <td>14.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>35.0</td> <td>62.0</td> <td>30.0</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>18.7</td> <td>20.2</td> <td>21.7</td> <td>24.0</td> <td>16.8</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>9.9</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>0.1</td> <td>0.1</td> <td>0.1</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td colspan="14">Marketing month:</td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>18.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>10.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>4.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>3.0</td> <td>--</td> <td>--</td> <td>1.0</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>6.0</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:														National Forest 16/	AM	--	--	--	--	20.0	40.0	40.0	36.0	6.0	--	--	Bureau of Land Management 16/	AM	--	--	--	--	30.0	46.8	20.6	20.6	23.8	35.8	--	Pasture rent/lease 17/	AUM	--	--	--	--	5.0	2.0	2.0	3.0	4.0	--	--	State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--	Deeded rangeland 17/	AUM	--	--	--	--	30.0	46.8	20.6	20.6	23.8	35.8	--	Irrigated pasture 17/	AUM	--	--	--	--	11.0	13.0	14.0	14.0	--	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	35.0	62.0	30.0	Hay	Ton	18.7	20.2	21.7	24.0	16.8	--	--	--	--	--	9.9	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	0.1	0.1	0.1	--	--	--	--	--	--	--	--	Marketing month:														Steer calves	Head	--	--	--	--	--	--	--	--	18.0	--	--	Heifer calves	Head	--	--	--	--	--	--	--	--	10.0	--	--	Yearling steers	Head	--	--	--	--	--	--	--	4.0	--	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	3.0	--	--	1.0	Cull cows	Head	--	--	--	--	--	--	--	--	--	--	6.0
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																													
Feed source:																																																																																																																																																																																																																																																									
National Forest 16/	AM	--	--	--	--	20.0	40.0	40.0	36.0	6.0	--	--																																																																																																																																																																																																																																													
Bureau of Land Management 16/	AM	--	--	--	--	30.0	46.8	20.6	20.6	23.8	35.8	--																																																																																																																																																																																																																																													
Pasture rent/lease 17/	AUM	--	--	--	--	5.0	2.0	2.0	3.0	4.0	--	--																																																																																																																																																																																																																																													
State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Deeded rangeland 17/	AUM	--	--	--	--	30.0	46.8	20.6	20.6	23.8	35.8	--																																																																																																																																																																																																																																													
Irrigated pasture 17/	AUM	--	--	--	--	11.0	13.0	14.0	14.0	--	--	--																																																																																																																																																																																																																																													
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	35.0	62.0	30.0																																																																																																																																																																																																																																													
Hay	Ton	18.7	20.2	21.7	24.0	16.8	--	--	--	--	--	9.9																																																																																																																																																																																																																																													
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Protein supplement	Ton	0.1	0.1	0.1	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Marketing month:																																																																																																																																																																																																																																																									
Steer calves	Head	--	--	--	--	--	--	--	--	18.0	--	--																																																																																																																																																																																																																																													
Heifer calves	Head	--	--	--	--	--	--	--	--	10.0	--	--																																																																																																																																																																																																																																													
Yearling steers	Head	--	--	--	--	--	--	--	4.0	--	--	--																																																																																																																																																																																																																																													
Yearling heifers	Head	--	--	--	--	--	--	--	3.0	--	--	1.0																																																																																																																																																																																																																																													
Cull cows	Head	--	--	--	--	--	--	--	--	--	--	6.0																																																																																																																																																																																																																																													

Table 117--Beef cow enterprises with 100-399 cows, Ashley National Forest, Northeastern Utah, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																										
Production:							Cash costs--Continued																																																																																																																																																																																																																																																
Bred cows 1/	Head	188	--	--	--	--	Protein supplement 5/	Ton	3.3	--	199.00	657	3.49																																																																																																																																																																																																																																										
Annual cow loss	Head	8	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																										
Cows culled	Head	21	--	--	--	--	Other feed	Ton	--	--	--	--	--																																																																																																																																																																																																																																										
Calves born alive	Head	180	--	--	--	--	Salt and mineral	Cwt	65.8	--	4.85	319	1.70																																																																																																																																																																																																																																										
Calves lost birth to weaning	Head	18	--	--	--	--	Veterinary & medicine	Dol	--	--	--	821	4.37																																																																																																																																																																																																																																										
Steer calves weaned	Head	81	--	--	--	--	Hired trucking	Dol	--	--	--	544	2.89																																																																																																																																																																																																																																										
Sold as weaners	Head	66	--	--	--	--	Marketing 6/	Dol	--	--	--	541	2.88																																																																																																																																																																																																																																										
Lost after weaning	Head	1	--	--	--	--	General overhead 7/	Dol	--	--	--	2,240	11.91																																																																																																																																																																																																																																										
Sold as yearlings	Head	14	--	--	--	--	Hired labor	Hrs	1,064.0	--	4.17	4,437	23.60																																																																																																																																																																																																																																										
Heifer calves weaned	Head	81	--	--	--	--	Fuel and lubricants	Dol	--	--	--	2,302	12.24																																																																																																																																																																																																																																										
Sold as weaners	Head	36	--	--	--	--	Repairs	Dol	--	--	--	1,891	10.06																																																																																																																																																																																																																																										
Lost after weaning	Head	1	--	--	--	--	Taxes 8/	Dol	--	--	--	1,699	9.04																																																																																																																																																																																																																																										
Sold as yearlings	Head	15	--	--	--	--	Insurance	Dol	--	--	--	786	4.18																																																																																																																																																																																																																																										
Kept for herd replacement 2/	Head	29	--	--	--	--	Interest on operating capital 9/	Dol	21,985.0	--	0.15	3,298	17.54																																																																																																																																																																																																																																										
Bulls	Head	7	--	--	--	--	Total cash costs	Dol	--	--	--	38,513	204.86																																																																																																																																																																																																																																										
Sales:							Other costs:																																																																																																																																																																																																																																																
Steer calves	Head	66	433	65.67	18,767	--	Family labor 10/	Hrs	2,337.0	--	4.17	9,745	51.84																																																																																																																																																																																																																																										
Heifer calves	Head	36	407	54.60	8,000	--	Capital replacement 11/	Dol	--	--	--	6,504	34.60																																																																																																																																																																																																																																										
Yearling steers	Head	14	764	62.00	6,632	--	Interest on investment other than land 13/	Dol	--	--	--	17,904	95.23																																																																																																																																																																																																																																										
Yearling heifers	Head	15	686	56.56	5,820	--	Interest on land 13/	Dol	--	--	--	64,064	340.77																																																																																																																																																																																																																																										
Cull cows	Head	21	886	34.20	6,363	--	Total other costs	Dol	--	--	--	98,217	522.43																																																																																																																																																																																																																																										
Total sales	Head	--	--	--	45,582	242.46	Total all costs	Dol	--	--	--	136,730	727.29																																																																																																																																																																																																																																										
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																
Federal grazing fees 3/	AM	583.0	--	1.86	1,084	5.77	Return above cash costs and family labor	Dol	--	--	--	7,069	37.60																																																																																																																																																																																																																																										
Private pasture lease	AUM	68.0	--	9.29	632	3.36	Return to total investment 14/	Dol	--	--	--	-9,180	-48.83																																																																																																																																																																																																																																										
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-27,084	-144.06																																																																																																																																																																																																																																										
State land lease	AUM	--	--	--	--	--																																																																																																																																																																																																																																																	
Irrigated pasture	AUM	--	--	--	--	--																																																																																																																																																																																																																																																	
Hay produced	Ton	363.1	--	40.71	14,782	78.63																																																																																																																																																																																																																																																	
Hay purchased	Ton	40.0	--	62.00	2,480	13.19																																																																																																																																																																																																																																																	
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td>Feed source:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>69.0</td> <td>120.0</td> <td>121.0</td> <td>99.0</td> <td>17.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>10.0</td> <td>5.0</td> <td>3.0</td> <td>10.0</td> <td>30.0</td> <td>19.0</td> <td>12.0</td> <td>10.0</td> <td>15.0</td> <td>18.0</td> <td>15.0</td> </tr> <tr> <td>Pasture rent/Lease 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>16.0</td> <td>10.0</td> <td>10.0</td> <td>12.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>146.5</td> <td>88.2</td> <td>89.6</td> <td>111.0</td> <td>180.3</td> <td>--</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>52.0</td> <td>203.0</td> <td>100.0</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>62.6</td> <td>70.3</td> <td>76.6</td> <td>81.6</td> <td>79.8</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>32.2</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>1.0</td> <td>1.0</td> <td>1.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>0.3</td> </tr> <tr> <td>Marketing month:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>66.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>36.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>14.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>9.0</td> <td>--</td> <td>--</td> <td>6.0</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>21.0</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:													National Forest 16/	AM	--	--	--	--	69.0	120.0	121.0	99.0	17.0	--	--	Bureau of Land Management 16/	AM	10.0	5.0	3.0	10.0	30.0	19.0	12.0	10.0	15.0	18.0	15.0	Pasture rent/Lease 17/	AUM	--	--	--	--	--	16.0	10.0	10.0	12.0	--	--	State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--	Deeded rangeland 17/	AUM	--	--	--	--	--	146.5	88.2	89.6	111.0	180.3	--	Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	52.0	203.0	100.0	Hay	Ton	62.6	70.3	76.6	81.6	79.8	--	--	--	--	--	32.2	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	1.0	1.0	1.0	--	--	--	--	--	--	--	0.3	Marketing month:													Steer calves	Head	--	--	--	--	--	--	--	--	66.0	--	--	Heifer calves	Head	--	--	--	--	--	--	--	--	36.0	--	--	Yearling steers	Head	--	--	--	--	--	--	--	--	14.0	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	9.0	--	--	6.0	Cull cows	Head	--	--	--	--	--	--	--	--	--	--	21.0
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																											
Feed source:																																																																																																																																																																																																																																																							
National Forest 16/	AM	--	--	--	--	69.0	120.0	121.0	99.0	17.0	--	--																																																																																																																																																																																																																																											
Bureau of Land Management 16/	AM	10.0	5.0	3.0	10.0	30.0	19.0	12.0	10.0	15.0	18.0	15.0																																																																																																																																																																																																																																											
Pasture rent/Lease 17/	AUM	--	--	--	--	--	16.0	10.0	10.0	12.0	--	--																																																																																																																																																																																																																																											
State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Deeded rangeland 17/	AUM	--	--	--	--	--	146.5	88.2	89.6	111.0	180.3	--																																																																																																																																																																																																																																											
Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	52.0	203.0	100.0																																																																																																																																																																																																																																											
Hay	Ton	62.6	70.3	76.6	81.6	79.8	--	--	--	--	--	32.2																																																																																																																																																																																																																																											
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Protein supplement	Ton	1.0	1.0	1.0	--	--	--	--	--	--	--	0.3																																																																																																																																																																																																																																											
Marketing month:																																																																																																																																																																																																																																																							
Steer calves	Head	--	--	--	--	--	--	--	--	66.0	--	--																																																																																																																																																																																																																																											
Heifer calves	Head	--	--	--	--	--	--	--	--	36.0	--	--																																																																																																																																																																																																																																											
Yearling steers	Head	--	--	--	--	--	--	--	--	14.0	--	--																																																																																																																																																																																																																																											
Yearling heifers	Head	--	--	--	--	--	--	--	9.0	--	--	6.0																																																																																																																																																																																																																																											
Cull cows	Head	--	--	--	--	--	--	--	--	--	--	21.0																																																																																																																																																																																																																																											

Table 118--Beef cow enterprises with 400 or more cows, Ashley National Forest, Northeastern Utah, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																												
Production:							Cash costs--Continued																																																																																																																																																																																																																																																		
Bred cows 1/	Head	829	--	--	--	--	Protein supplement 5/	Ton	15.9	--	199.00	3,164	3.82																																																																																																																																																																																																																																												
Annual cow loss	Head	33	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																												
Cows culled	Head	91	--	--	--	--	Other feed	Ton	--	--	--	--	--																																																																																																																																																																																																																																												
Calves born alive	Head	796	--	--	--	--	Salt and mineral	Cwt	290.2	--	4.85	1,407	1.70																																																																																																																																																																																																																																												
Calves lost birth to weaning	Head	80	--	--	--	--	Veterinary & medicine	Dol	--	--	--	5,173	6.24																																																																																																																																																																																																																																												
Steer calves weaned	Head	358	--	--	--	--	Hired trucking	Dol	--	--	--	1,770	2.14																																																																																																																																																																																																																																												
Sold as weaners	Head	290	--	--	--	--	Marketing 6/	Dol	--	--	--	1,133	1.37																																																																																																																																																																																																																																												
Lost after weaning	Head	2	--	--	--	--	General overhead 7/	Dol	--	--	--	7,936	9.57																																																																																																																																																																																																																																												
Sold as yearlings	Head	66	--	--	--	--	Hired labor	Hrs	7,179.0	--	4.17	29,936	36.11																																																																																																																																																																																																																																												
Heifer calves weaned	Head	358	--	--	--	--	Fuel and lubricants	Dol	--	--	--	5,325	6.42																																																																																																																																																																																																																																												
Sold as weaners	Head	167	--	--	--	--	Repairs	Dol	--	--	--	11,484	13.85																																																																																																																																																																																																																																												
Lost after weaning	Head	5	--	--	--	--	Taxes 8/	Dol	--	--	--	7,012	8.46																																																																																																																																																																																																																																												
Sold as yearlings	Head	62	--	--	--	--	Insurance	Dol	--	--	--	3,684	4.44																																																																																																																																																																																																																																												
Kept for herd replacement 2/	Head	124	--	--	--	--	Interest on operating capital 9/	Dol	82,670.0	--	0.15	12,401	14.96																																																																																																																																																																																																																																												
Bulls	Head	30	--	--	--	--	Total cash costs	Dol	--	--	--	178,905	215.81																																																																																																																																																																																																																																												
Sales:							Other costs:																																																																																																																																																																																																																																																		
Steer calves	Head	290	433	65.67	82,462	--	Family labor 10/	Hrs	7,179.0	--	4.17	29,936	36.11																																																																																																																																																																																																																																												
Heifer calves	Head	167	407	54.60	37,111	--	Capital replacement 11/	Dol	--	--	--	36,595	44.14																																																																																																																																																																																																																																												
Yearling steers	Head	66	764	62.00	31,263	--	Interest on investment other than land 13/	Dol	--	--	--	73,111	88.19																																																																																																																																																																																																																																												
Yearling heifers	Head	62	686	56.56	24,056	--	Interest on land 13/	Dol	--	--	--	287,335	346.60																																																																																																																																																																																																																																												
Cull cows	Head	91	886	34.20	27,574	--	Total other costs	Dol	--	--	--	426,977	515.05																																																																																																																																																																																																																																												
Total sales	Head	--	--	--	202,466	244.23	Total all costs	Dol	--	--	--	605,882	730.86																																																																																																																																																																																																																																												
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																		
Federal grazing fees 3/	AM	2,813.0	--	1.86	5,232	6.31	Return above cash costs:	Dol	--	--	--	23,561	28.42																																																																																																																																																																																																																																												
Private pasture lease	AUM	554.0	--	9.29	5,147	6.21	Return above cash costs: and family labor	Dol	--	--	--	-6,375	-7.69																																																																																																																																																																																																																																												
Other pasture lease 4/	AUM	--	--	--	--	--	Return to total investment 14/	Dol	--	--	--	-42,970	-51.83																																																																																																																																																																																																																																												
State land lease	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-116,081	-140.03																																																																																																																																																																																																																																												
Irrigated pasture	AUM	--	--	--	--	--																																																																																																																																																																																																																																																			
Hay produced	Ton	1,655.0	--	40.71	67,375	81.25																																																																																																																																																																																																																																																			
Hay purchased	Ton	173.0	--	62.00	10,726	12.94																																																																																																																																																																																																																																																			
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td colspan="14">Feed source:</td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>51.0</td> <td>148.0</td> <td>232.0</td> <td>219.0</td> <td>175.0</td> <td>62.0</td> <td>30.0</td> <td>30.0</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>57.0</td> <td>287.0</td> <td>293.0</td> <td>293.0</td> <td>293.0</td> <td>293.0</td> <td>57.0</td> <td>--</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>128.0</td> <td>104.0</td> <td>106.0</td> <td>112.0</td> <td>104.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>510.3</td> <td>411.2</td> <td>428.6</td> <td>447.2</td> <td>412.5</td> <td>--</td> <td>--</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>300.0</td> <td>882.7</td> <td>400.0</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>287.3</td> <td>415.8</td> <td>342.1</td> <td>355.0</td> <td>266.8</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>161.0</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>4.7</td> <td>4.7</td> <td>3.8</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>2.7</td> </tr> <tr> <td colspan="14">Marketing month:</td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>290.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>167.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>66.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>34.0</td> <td>--</td> <td>--</td> <td>28.0</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>91.0</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:														National Forest 16/	AM	--	--	--	51.0	148.0	232.0	219.0	175.0	62.0	30.0	30.0	Bureau of Land Management 16/	AM	--	--	--	57.0	287.0	293.0	293.0	293.0	293.0	57.0	--	Pasture rent/lease 17/	AUM	--	--	--	--	128.0	104.0	106.0	112.0	104.0	--	--	State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--	Deeded rangeland 17/	AUM	--	--	--	--	510.3	411.2	428.6	447.2	412.5	--	--	Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	300.0	882.7	400.0	--	Hay	Ton	287.3	415.8	342.1	355.0	266.8	--	--	--	--	--	161.0	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	4.7	4.7	3.8	--	--	--	--	--	--	--	2.7	Marketing month:														Steer calves	Head	--	--	--	--	--	--	--	--	290.0	--	--	Heifer calves	Head	--	--	--	--	--	--	--	--	167.0	--	--	Yearling steers	Head	--	--	--	--	--	--	--	66.0	--	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	34.0	--	--	28.0	Cull cows	Head	--	--	--	--	--	--	--	--	--	--	91.0
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																													
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Yearling heifers	Head	--	--	--	--	--	--	--	34.0	--	--	28.0																																																																																																																																																																																																																																													
Cull cows	Head	--	--	--	--	--	--	--	--	--	--	91.0																																																																																																																																																																																																																																													

Table 119--Beef cow enterprises with up to 199 cows, Boise National Forest, Southern Idaho Panhandle, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow
Production:						
Bred cows 1/	Head	94				
Annual cow loss	Head	2				
Cows culled	Head	6				
Calves born alive	Head	85				
Calves lost birth to weaning	Head	3				
Steer calves weaned	Head	41				
Sold as weaners	Head	10				
Lost after weaning	Head	--				
Sold as yearlings	Head	31				
Heifer calves weaned	Head	41				
Sold as weaners	Head	8				
Lost after weaning	Head	--				
Sold as yearlings	Head	25				
Kept for herd replacement 2/	Head	8				
Bulls	Head	5				
Sales:						
Steer calves	Head	10	400	65.44	2,618	
Heifer calves	Head	8	375	56.00	1,680	
Yearling steers	Head	31	700	63.06	13,684	
Yearling heifers	Head	25	625	55.37	8,652	
Cull cows	Head	6	1,000	39.71	2,383	
Total sales	Head	--	--	--	29,017	308.69
Cash costs:						
Federal grazing fees 3/	AM	264.0	--	1.86	491	5.22
Private pasture lease	AUM	142.5	--	7.98	1,137	12.10
Other pasture lease 4/	AUM	--	--	--	--	--
State land lease	AUM	199.2	--	4.72	940	10.00
Irrigated pasture	AUM	96.3	--	4.51	434	4.62
Hay produced	Ton	65.1	--	32.78	2,134	22.70
Hay purchased	Ton	27.9	--	53.17	1,483	15.78
Other costs:						
Family labor 10/	Hrs	1,880.0	--	4.17	7,840	83.40
Capital replacement 11/	Dol	--	--	--	4,848	51.57
Interest on investment other than land 13/	Dol	--	--	--	10,072	107.15
Interest on land 13/	Dol	--	--	--	45,481	483.84
Total other costs	Dol	--	--	--	68,241	725.97
Total all costs	Dol	--	--	--	90,293	960.56
Return:						
Return above cash costs	Dol	--	--	--	6,965	74.10
Return above cash costs and family labor	Dol	--	--	--	-875	-9.31
Return to total investment 14/	Dol	--	--	--	-5,723	-60.89
Return to land 15/	Dol	--	--	--	-15,795	-168.03
Feed source:						
National Forest 16/	AM	--	--	--	--	38.0
Bureau of Land Management 16/	AM	--	--	--	13.0	20.0
Pasture rent/lease 17/	AUM	--	--	--	26.4	28.3
State land lease	AUM	--	--	30.2	32.6	35.2
Deeded rangeland 17/	AUM	--	--	120.8	113.5	87.2
Irrigated pasture 17/	AUM	--	--	--	--	--
Crop residue 17/	AUM	--	--	--	--	--
Hay	Ton	31.0	31.0	--	--	--
Grain	Bu	--	--	--	--	--
Protein supplement	Ton	5.0	7.2	--	--	--
Marketing month:						
Steer calves	Head	--	--	--	--	--
Heifer calves	Head	--	--	--	--	--
Yearling steers	Head	--	--	31.0	--	--
Yearling heifers	Head	--	--	25.0	--	--
Cull cows	Head	--	--	--	--	6.0
Summary:						
Jan.	Feb.	Mar.	Apr.	May	June	July
Aug.	Sept.	Oct.	Nov.	Dec.		

Table 120--Beef cow enterprises with 200-499 cows, Boise National Forest, Southern Idaho Panhandle, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																										
Production:							Cash costs--Continued																																																																																																																																																																																																																																																
Bred cows 1/	Head	288	--	--	--	--	Protein supplement 5/	Ton	13.0	--	228.20	2,967	10.30																																																																																																																																																																																																																																										
Annual cow loss	Head	6	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																										
Cows culled	Head	33	--	--	--	--	Other feed	Ton	--	--	--	--	--																																																																																																																																																																																																																																										
Calves born alive	Head	259	--	--	--	--	Salt and mineral	Cwt	100.8	--	4.33	436	1.51																																																																																																																																																																																																																																										
Calves lost birth to weaning	Head	8	--	--	--	--	Veterinary & medicine	Dol	--	--	--	3,135	10.89																																																																																																																																																																																																																																										
Steer calves weaned	Head	125	--	--	--	--	Hired trucking	Dol	--	--	--	492	1.71																																																																																																																																																																																																																																										
Sold as weaners	Head	31	--	--	--	--	Marketing 6/	Dol	--	--	--	1,524	5.29																																																																																																																																																																																																																																										
Lost after weaning	Head	2	--	--	--	--	General overhead 7/	Dol	--	--	--	3,919	13.61																																																																																																																																																																																																																																										
Sold as yearlings	Head	92	--	--	--	--	Hired labor	Hrs	914.0	--	4.17	3,811	13.23																																																																																																																																																																																																																																										
Heifer calves weaned	Head	126	--	--	--	--	Fuel and lubricants	Dol	--	--	--	7,563	26.26																																																																																																																																																																																																																																										
Sold as weaners	Head	20	--	--	--	--	Repairs	Dol	--	--	--	7,996	27.76																																																																																																																																																																																																																																										
Lost after weaning	Head	2	--	--	--	--	Taxes 8/	Dol	--	--	--	3,502	12.16																																																																																																																																																																																																																																										
Sold as yearlings	Head	65	--	--	--	--	Insurance	Dol	--	--	--	1,452	5.04																																																																																																																																																																																																																																										
Kept for herd replacement 2/	Head	39	--	--	--	--	Interest on operating capital 9/	Dol	21,742.2	--	0.15	3,218	11.17																																																																																																																																																																																																																																										
Bulls	Head	14	--	--	--	--	Total cash costs	Dol	--	--	--	58,784	204.11																																																																																																																																																																																																																																										
Sales:							Other costs:																																																																																																																																																																																																																																																
Steer calves	Head	31	400	65.44	8,115	--	Family labor 10/	Hrs	4,876.0	--	4.17	20,333	70.60																																																																																																																																																																																																																																										
Heifer calves	Head	20	375	56.00	4,200	--	Capital replacement 11/	Dol	--	--	--	14,112	49.00																																																																																																																																																																																																																																										
Yearling steers	Head	92	700	63.06	40,611	--	Interest on investment other than land 13/	Dol	--	--	--	30,960	107.50																																																																																																																																																																																																																																										
Yearling heifers	Head	65	625	55.37	22,494	--	Interest on land 13/	Dol	--	--	--	140,047	486.27																																																																																																																																																																																																																																										
Cull cows	Head	33	1,000	39.71	13,104	--	Total other costs	Dol	--	--	--	205,452	713.38																																																																																																																																																																																																																																										
Total sales	Head	--	--	--	88,524	307.38	Total all costs	Dol	--	--	--	264,237	917.49																																																																																																																																																																																																																																										
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																
Federal grazing fees 3/	AM	716.0	--	1.86	1,332	4.63	Return above cash costs:	Dol	--	--	--	29,740	103.26																																																																																																																																																																																																																																										
Private pasture lease	AUM	438.3	--	7.98	3,498	12.15	Return above cash costs and family labor	Dol	--	--	--	9,407	32.66																																																																																																																																																																																																																																										
Other pasture lease 4/	AUM	--	--	--	--	--	Return to total investment 14/	Dol	--	--	--	-4,705	-16.34																																																																																																																																																																																																																																										
State land lease	AUM	581.0	--	4.71	2,737	9.50	Return to land 15/	Dol	--	--	--	-35,665	-123.84																																																																																																																																																																																																																																										
Irrigated pasture	AUM	--	--	--	--	--																																																																																																																																																																																																																																																	
Hay produced	Ton	201.6	--	32.78	6,608	22.94																																																																																																																																																																																																																																																	
Hay purchased	Ton	86.4	--	53.17	4,594	15.95																																																																																																																																																																																																																																																	
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td>Feed source:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>69.0</td> <td>92.0</td> <td>88.0</td> <td>84.0</td> <td>59.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>6.0</td> <td>6.0</td> <td>6.0</td> <td>38.0</td> <td>66.0</td> <td>42.0</td> <td>43.0</td> <td>45.0</td> <td>30.0</td> <td>20.0</td> <td>14.0</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>81.1</td> <td>87.0</td> <td>90.0</td> <td>91.5</td> <td>88.7</td> <td>--</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>92.8</td> <td>100.4</td> <td>108.2</td> <td>--</td> <td>--</td> <td>118.2</td> <td>84.2</td> <td>77.2</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>47.9</td> <td>86.3</td> <td>364.0</td> <td>352.2</td> <td>262.0</td> <td>332.5</td> <td>314.8</td> <td>326.1</td> <td>229.3</td> <td>229.5</td> <td>294.8</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>96.0</td> <td>96.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>96.0</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>4.3</td> <td>4.3</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>4.4</td> </tr> <tr> <td>Marketing month:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>31.0</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>20.0</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>92.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>65.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>33.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:													National Forest 16/	AM	--	--	--	--	69.0	92.0	88.0	84.0	59.0	--	--	Bureau of Land Management 16/	AM	6.0	6.0	6.0	38.0	66.0	42.0	43.0	45.0	30.0	20.0	14.0	Pasture rent/lease 17/	AUM	--	--	--	--	81.1	87.0	90.0	91.5	88.7	--	--	State land lease	AUM	--	--	92.8	100.4	108.2	--	--	118.2	84.2	77.2	--	Deeded rangeland 17/	AUM	47.9	86.3	364.0	352.2	262.0	332.5	314.8	326.1	229.3	229.5	294.8	Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	Hay	Ton	96.0	96.0	--	--	--	--	--	--	--	--	96.0	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	4.3	4.3	--	--	--	--	--	--	--	--	4.4	Marketing month:													Steer calves	Head	--	--	--	--	--	--	--	--	--	31.0	--	Heifer calves	Head	--	--	--	--	--	--	--	--	--	20.0	--	Yearling steers	Head	--	--	--	92.0	--	--	--	--	--	--	--	Yearling heifers	Head	--	--	--	65.0	--	--	--	--	--	--	--	Cull cows	Head	--	--	--	--	--	--	--	33.0	--	--	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																											
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Bureau of Land Management 16/	AM	6.0	6.0	6.0	38.0	66.0	42.0	43.0	45.0	30.0	20.0	14.0																																																																																																																																																																																																																																											
Pasture rent/lease 17/	AUM	--	--	--	--	81.1	87.0	90.0	91.5	88.7	--	--																																																																																																																																																																																																																																											
State land lease	AUM	--	--	92.8	100.4	108.2	--	--	118.2	84.2	77.2	--																																																																																																																																																																																																																																											
Deeded rangeland 17/	AUM	47.9	86.3	364.0	352.2	262.0	332.5	314.8	326.1	229.3	229.5	294.8																																																																																																																																																																																																																																											
Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Hay	Ton	96.0	96.0	--	--	--	--	--	--	--	--	96.0																																																																																																																																																																																																																																											
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Protein supplement	Ton	4.3	4.3	--	--	--	--	--	--	--	--	4.4																																																																																																																																																																																																																																											
Marketing month:																																																																																																																																																																																																																																																							
Steer calves	Head	--	--	--	--	--	--	--	--	--	31.0	--																																																																																																																																																																																																																																											
Heifer calves	Head	--	--	--	--	--	--	--	--	--	20.0	--																																																																																																																																																																																																																																											
Yearling steers	Head	--	--	--	92.0	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Yearling heifers	Head	--	--	--	65.0	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Cull cows	Head	--	--	--	--	--	--	--	33.0	--	--	--																																																																																																																																																																																																																																											

Table 121--Beef cow enterprises with 500-799 cows, Boise National Forest, Southern Idaho Panhandle, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow
Production:							Cash costs--Continued						
Bred cows 1/	Head	619	--	--	--	--	Protein supplement 5/	Ton	27.0	--	228.20	6,161	9.95
Annual cow loss	Head	12	--	--	--	--	Grain	Bu	--	--	--	--	--
Cows culled	Head	72	--	--	--	--	Other feed	Ton	--	--	--	--	--
Calves born alive	Head	557	--	--	--	--	Salt and mineral	Cwt	216.7	--	4.33	938	1.52
Calves lost birth to weaning	Head	17	--	--	--	--	Veterinary & medicine	Dol	--	--	--	3,182	5.14
Steer calves weaned	Head	270	--	--	--	--	Hired trucking	Dol	--	--	--	1,281	2.07
Sold as weaners	Head	67	--	--	--	--	Marketing 6/	Dol	--	--	--	1,194	1.93
Lost after weaning	Head	4	--	--	--	--	General overhead 7/	Dol	--	--	--	5,818	9.40
Sold as yearlings	Head	199	--	--	--	--	Hired labor	Hrs	2,866.0	--	4.17	11,951	19.31
Heifer calves weaned	Head	270	--	--	--	--	Fuel and lubricants	Dol	--	--	--	6,140	9.92
Sold as weaners	Head	44	--	--	--	--	Repairs	Dol	--	--	--	8,651	13.98
Lost after weaning	Head	4	--	--	--	--	Taxes 8/	Dol	--	--	--	4,803	7.76
Sold as yearlings	Head	138	--	--	--	--	Insurance	Dol	--	--	--	2,767	4.47
Kept for herd replacement 2/	Head	84	--	--	--	--	Interest on operating capital 9/	Dol	31,755.0	--	0.15	4,700	7.59
Bulls	Head	31	--	--	--	--	Total cash costs	Dol	--	--	--	97,909	158.17
Sales:							Other costs:						
Steer calves	Head	67	400	65.44	17,538	--	Family labor 10/	Hrs	5,410.0	--	4.17	22,560	36.45
Heifer calves	Head	44	375	56.00	9,240	--	Capital replacement 11/	Dol	--	--	--	18,992	30.68
Yearling steers	Head	199	700	63.06	87,843	--	Interest on investment other than land 13/	Dol	--	--	--	57,859	93.47
Yearling heifers	Head	138	650	55.37	49,667	--	Interest on land 13/	Dol	--	--	--	203,533	328.81
Cull cows	Head	72	1,000	39.71	28,591	--	Total other costs	Dol	--	--	--	302,944	489.41
Total sales	Head	--	--	--	192,879	311.60	Total all costs	Dol	--	--	--	400,853	647.58
Cash costs:							Return:						
Federal grazing fees 3/	AM	1,891.0	--	1.86	3,517	5.68	Return above cash costs	Dol	--	--	--	94,970	153.42
Private pasture lease	AUM	942.3	--	7.98	7,520	12.15	Return above cash costs and family labor	Dol	--	--	--	72,410	116.98
Other pasture lease 4/	AUM	--	--	--	--	--	Return to total investment 14/	Dol	--	--	--	53,418	86.30
State land lease	AUM	1,249.4	--	4.20	5,247	8.48	Return to land 15/	Dol	--	--	--	-4,441	-7.17
Irrigated pasture	AUM	--	--	--	--	--							
Hay produced	Ton	432.6	--	32.78	14,181	22.91							
Hay purchased	Ton	185.4	--	53.17	9,858	15.93							
Feed source:													
National Forest 16/	AM	--	--	--	--	76.0	151.0	151.0	150.0	61.0	--	--	--
Bureau of Land Management 16/	AM	19.0	19.0	32.0	175.0	217.0	202.0	138.0	135.0	127.0	124.0	87.0	27.0
Pasture rent/lease 17/	AUM	--	--	--	--	174.5	187.0	193.6	196.6	190.6	--	--	--
State land lease	AUM	--	--	199.4	216.0	232.6	--	--	--	254.2	181.2	166.0	--
Deeded rangeland 17/	AUM	99.2	181.3	759.2	636.5	461.0	658.0	678.5	700.7	436.6	468.3	577.0	91.0
Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--
Hay	Ton	206.0	206.0	--	--	--	--	--	--	--	--	--	206.0
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--
Protein supplement	Ton	9.0	9.0	--	--	--	--	--	--	--	--	--	9.0
Marketing month:													
Steer calves	Head	--	--	--	--	--	--	--	--	--	--	67.0	--
Heifer calves	Head	--	--	--	--	--	--	--	--	--	--	44.0	--
Yearling steers	Head	--	--	--	199.0	--	--	--	--	--	--	--	--
Yearling heifers	Head	--	--	--	138.0	--	--	--	--	--	--	--	--
Cull cows	Head	--	--	--	--	--	--	--	72.0	--	--	--	--

Table 124--Beef cow enterprises of 100-299 cows, Bridger-Teton National Forest, Western Wyoming, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																												
Production:							Cash costs--Continued																																																																																																																																																																																																																																																		
Bred cows 1/	Head	166	--	--	--	--	Protein supplement 5/	Ton	2.0	--	218.40	437	2.63																																																																																																																																																																																																																																												
Annual cow loss	Head	3	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																												
Cows culled	Head	12	--	--	--	--	Other feed	Ton	--	--	--	--	--																																																																																																																																																																																																																																												
Calves born alive	Head	144	--	--	--	--	Salt and mineral	Cvt	58.1	--	3.91	227	1.37																																																																																																																																																																																																																																												
Calves lost birth to weaning	Head	7	--	--	--	--	Veterinary & medicine	Dol	--	--	--	1,101	6.63																																																																																																																																																																																																																																												
Steer calves weaned	Head	68	--	--	--	--	Hired trucking	Dol	--	--	--	343	2.07																																																																																																																																																																																																																																												
Sold as weaners	Head	68	--	--	--	--	Marketing 6/	Dol	--	--	--	442	2.66																																																																																																																																																																																																																																												
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	Dol	--	--	--	2,034	12.25																																																																																																																																																																																																																																												
Sold as yearlings	Head	--	--	--	--	--	Hired labor	Hrs	677.0	--	4.13	2,796	16.81																																																																																																																																																																																																																																												
Heifer calves weaned	Head	69	--	--	--	--	Fuel and lubricants	Dol	--	--	--	4,391	26.45																																																																																																																																																																																																																																												
Sold as weaners	Head	42	--	--	--	--	Repairs	Dol	--	--	--	4,321	26.03																																																																																																																																																																																																																																												
Lost after weaning	Head	--	--	--	--	--	Taxes 8/	Dol	--	--	--	1,820	10.96																																																																																																																																																																																																																																												
Sold as yearlings	Head	12	--	--	--	--	Insurance	Dol	--	--	--	989	5.96																																																																																																																																																																																																																																												
Kept for herd replacement 2/	Head	15	--	--	--	--	Interest on operating capital 9/	Dol	15,915.3	--	0.16	2,499	15.05																																																																																																																																																																																																																																												
Bulls	Head	8	--	--	--	--	Total cash costs	Dol	--	--	--	34,520	207.95																																																																																																																																																																																																																																												
Sales:							Other costs:																																																																																																																																																																																																																																																		
Steer calves	Head	68	385	69.14	18,101	--	Family labor 10/	Hrs	1,315.0	--	4.13	5,431	32.72																																																																																																																																																																																																																																												
Heifer calves	Head	42	360	59.42	8,984	--	Capital replacement 11/	Dol	--	--	--	10,887	65.58																																																																																																																																																																																																																																												
Yearling steers	Head	--	--	--	--	--	Interest on investment other than land 13/	Dol	--	--	--	20,459	123.25																																																																																																																																																																																																																																												
Yearling heifers	Head	12	650	60.85	4,746	--	Interest on land 13/	Dol	--	--	--	87,693	528.27																																																																																																																																																																																																																																												
Cull cows	Head	12	967	35.05	4,067	--	Total other costs	Dol	--	--	--	124,470	749.82																																																																																																																																																																																																																																												
Total sales	Head	--	--	--	35,898	216.26	Total all costs	Dol	--	--	--	158,990	957.77																																																																																																																																																																																																																																												
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																		
Federal grazing fees 3/	AM	537.0	--	1.86	999	6.02	Return above cash costs:	Dol	--	--	--	1,379	8.31																																																																																																																																																																																																																																												
Private pasture lease	AUM	247.3	--	8.46	2,092	12.60	Return above cash costs:	Dol	--	--	--	-4,052	-24.41																																																																																																																																																																																																																																												
Other pasture lease 4/	AUM	--	--	--	--	--	and family labor	Dol	--	--	--	--	--																																																																																																																																																																																																																																												
State land lease	AUM	82.4	--	1.44	119	0.72	Return to total investment 14/	Dol	--	--	--	-14,939	-89.99																																																																																																																																																																																																																																												
Irrigated pasture	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-35,398	-213.24																																																																																																																																																																																																																																												
Hay produced	Ton	257.9	--	35.06	9,042	54.47																																																																																																																																																																																																																																																			
Hay purchased	Ton	13.6	--	63.83	868	5.23																																																																																																																																																																																																																																																			
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td colspan="14">Feed source:</td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>43.0</td> <td>99.0</td> <td>100.0</td> <td>94.0</td> <td>34.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>37.0</td> <td>44.0</td> <td>30.0</td> <td>17.0</td> <td>22.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>61.9</td> <td>44.4</td> <td>26.3</td> <td>32.3</td> <td>49.3</td> <td>--</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>20.6</td> <td>14.8</td> <td>8.8</td> <td>10.8</td> <td>16.4</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>123.9</td> <td>88.8</td> <td>52.7</td> <td>64.5</td> <td>98.4</td> <td>--</td> <td>--</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>55.8</td> <td>61.5</td> <td>66.3</td> <td>71.7</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>16.2</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>0.4</td> <td>0.4</td> <td>0.4</td> <td>0.4</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>0.4</td> </tr> <tr> <td colspan="14">Marketing month:</td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>68</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>42</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>12</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>12</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:														National Forest 16/	AM	--	--	--	--	43.0	99.0	100.0	94.0	34.0	--	--	Bureau of Land Management 16/	AM	--	--	--	--	37.0	44.0	30.0	17.0	22.0	--	--	Pasture rent/lease 17/	AUM	--	--	--	--	61.9	44.4	26.3	32.3	49.3	--	--	State land lease	AUM	--	--	--	--	20.6	14.8	8.8	10.8	16.4	--	--	Deeded rangeland 17/	AUM	--	--	--	--	123.9	88.8	52.7	64.5	98.4	--	--	Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	Hay	Ton	55.8	61.5	66.3	71.7	--	--	--	--	--	--	16.2	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	0.4	0.4	0.4	0.4	--	--	--	--	--	--	0.4	Marketing month:														Steer calves	Head	--	--	--	--	--	--	--	--	--	68	--	Heifer calves	Head	--	--	--	--	--	--	--	--	--	42	--	Yearling steers	Head	--	--	--	--	--	--	--	--	--	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	12	--	--	--	Cull cows	Head	--	--	--	--	--	--	--	--	--	12	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																													
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Bureau of Land Management 16/	AM	--	--	--	--	37.0	44.0	30.0	17.0	22.0	--	--																																																																																																																																																																																																																																													
Pasture rent/lease 17/	AUM	--	--	--	--	61.9	44.4	26.3	32.3	49.3	--	--																																																																																																																																																																																																																																													
State land lease	AUM	--	--	--	--	20.6	14.8	8.8	10.8	16.4	--	--																																																																																																																																																																																																																																													
Deeded rangeland 17/	AUM	--	--	--	--	123.9	88.8	52.7	64.5	98.4	--	--																																																																																																																																																																																																																																													
Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Hay	Ton	55.8	61.5	66.3	71.7	--	--	--	--	--	--	16.2																																																																																																																																																																																																																																													
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Protein supplement	Ton	0.4	0.4	0.4	0.4	--	--	--	--	--	--	0.4																																																																																																																																																																																																																																													
Marketing month:																																																																																																																																																																																																																																																									
Steer calves	Head	--	--	--	--	--	--	--	--	--	68	--																																																																																																																																																																																																																																													
Heifer calves	Head	--	--	--	--	--	--	--	--	--	42	--																																																																																																																																																																																																																																													
Yearling steers	Head	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Yearling heifers	Head	--	--	--	--	--	--	--	12	--	--	--																																																																																																																																																																																																																																													
Cull cows	Head	--	--	--	--	--	--	--	--	--	12	--																																																																																																																																																																																																																																													

Table 125--Beef cow enterprises of 300-799 cows, Bridger-Teton National Forest, Western Wyoming, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																										
Production:							Cash costs--Continued																																																																																																																																																																																																																																																
Bred cows 1/	Head	493	--	--	--	--	Protein supplement 5/	Ton	7.0	--	218.40	1,529	3.10																																																																																																																																																																																																																																										
Annual cow loss	Head	15	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																										
Cows culled	Head	38	--	--	--	--	Other feed	Ton	--	--	--	--	--																																																																																																																																																																																																																																										
Calves born alive	Head	424	--	--	--	--	Salt and mineral	Cwt	172.5	--	3.91	674	1.37																																																																																																																																																																																																																																										
Calves lost birth to weaning	Head	30	--	--	--	--	Veterinary & medicine	Dol	--	--	--	957	1.94																																																																																																																																																																																																																																										
Steer calves weaned	Head	197	--	--	--	--	Hired trucking	Dol	--	--	--	1,107	2.25																																																																																																																																																																																																																																										
Sold as weaners	Head	197	--	--	--	--	Marketing 6/	Dol	--	--	--	1,280	2.60																																																																																																																																																																																																																																										
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	Dol	--	--	--	4,641	9.41																																																																																																																																																																																																																																										
Sold as yearlings	Head	--	--	--	--	--	Hired labor	Hrs	1,452.0	--	4.13	5,997	12.16																																																																																																																																																																																																																																										
Heifer calves weaned	Head	197	--	--	--	--	Fuel and lubricants	Dol	--	--	--	6,711	13.61																																																																																																																																																																																																																																										
Sold as weaners	Head	108	--	--	--	--	Repairs	Dol	--	--	--	9,317	18.97																																																																																																																																																																																																																																										
Lost after weaning	Head	--	--	--	--	--	Taxes 8/	Dol	--	--	--	5,027	10.20																																																																																																																																																																																																																																										
Sold as yearlings	Head	36	--	--	--	--	Insurance	Dol	--	--	--	2,828	5.74																																																																																																																																																																																																																																										
Kept for herd replacement 2/	Head	53	--	--	--	--	Interest on operating capital 9/	Dol	40,228.4	--	0.16	6,316	12.81																																																																																																																																																																																																																																										
Bulls	Head	22	--	--	--	--	Total cash costs	Dol	--	--	--	84,964	172.34																																																																																																																																																																																																																																										
Sales:							Other costs:																																																																																																																																																																																																																																																
Steer calves	Head	197	385	69.14	52,439	--	Family labor 10/	Hrs	3,231.0	--	4.13	13,344	27.07																																																																																																																																																																																																																																										
Heifer calves	Head	108	360	59.42	23,102	--	Capital replacement 11/	Dol	--	--	--	32,239	65.39																																																																																																																																																																																																																																										
Yearling steers	Head	--	--	--	--	--	Interest on investment other than land 13/	Dol	--	--	--	56,450	114.50																																																																																																																																																																																																																																										
Yearling heifers	Head	36	650	60.85	14,239	--	Interest on land 13/	Dol	--	--	--	260,991	529.39																																																																																																																																																																																																																																										
Cull cows	Head	38	945	35.05	12,586	--	Total other costs	Dol	--	--	--	363,024	736.35																																																																																																																																																																																																																																										
Total sales	Head	--	--	--	102,366	207.64	Total all costs	Dol	--	--	--	447,988	908.70																																																																																																																																																																																																																																										
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																
Federal grazing fees 3/	AM	1,870.0	--	1.86	3,478	7.05	Return above cash costs and family labor	Dol	--	--	--	17,402	35.30																																																																																																																																																																																																																																										
Private pasture lease	AUM	643.4	--	8.46	5,443	11.04	Return to total investment 14/	Dol	--	--	--	-28,181	-57.16																																																																																																																																																																																																																																										
Other pasture lease 4/	AUM	--	--	--	--	0.55	Return to land 15/	Dol	--	--	--	-84,631	-171.67																																																																																																																																																																																																																																										
State land lease	AUM	187.8	--	1.44	270	--																																																																																																																																																																																																																																																	
Irrigated pasture	AUM	--	--	--	--	--																																																																																																																																																																																																																																																	
Hay produced	Ton	764.9	--	35.06	26,817	54.40																																																																																																																																																																																																																																																	
Hay purchased	Ton	40.3	--	63.83	2,572	5.22																																																																																																																																																																																																																																																	
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td>Feed source:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>117.0</td> <td>308.0</td> <td>315.0</td> <td>290.0</td> <td>107.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>211.0</td> <td>185.0</td> <td>111.0</td> <td>87.0</td> <td>87.0</td> <td>52.0</td> <td>--</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>143.2</td> <td>133.5</td> <td>64.1</td> <td>72.9</td> <td>80.7</td> <td>149.0</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>47.7</td> <td>17.8</td> <td>21.4</td> <td>24.3</td> <td>26.9</td> <td>49.7</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>286.3</td> <td>227.0</td> <td>128.3</td> <td>145.8</td> <td>161.4</td> <td>298.0</td> <td>--</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>557.0</td> <td>100.0</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>166.1</td> <td>182.3</td> <td>197.4</td> <td>213.3</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>45.1</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>1.4</td> <td>1.4</td> <td>1.4</td> <td>1.4</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>1.4</td> </tr> <tr> <td>Marketing month:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>197</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>108</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>36</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>38</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:													National Forest 16/	AM	--	--	--	--	117.0	308.0	315.0	290.0	107.0	--	--	Bureau of Land Management 16/	AM	--	--	--	--	211.0	185.0	111.0	87.0	87.0	52.0	--	Pasture rent/lease 17/	AUM	--	--	--	--	143.2	133.5	64.1	72.9	80.7	149.0	--	State land lease	AUM	--	--	--	--	47.7	17.8	21.4	24.3	26.9	49.7	--	Deeded rangeland 17/	AUM	--	--	--	--	286.3	227.0	128.3	145.8	161.4	298.0	--	Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	557.0	100.0	Hay	Ton	166.1	182.3	197.4	213.3	--	--	--	--	--	--	45.1	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	1.4	1.4	1.4	1.4	--	--	--	--	--	--	1.4	Marketing month:													Steer calves	Head	--	--	--	--	--	--	--	--	--	197	--	Heifer calves	Head	--	--	--	--	--	--	--	--	--	108	--	Yearling steers	Head	--	--	--	--	--	--	--	--	--	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	36	--	--	--	Cull cows	Head	--	--	--	--	--	--	--	--	--	38	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																											
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Bureau of Land Management 16/	AM	--	--	--	--	211.0	185.0	111.0	87.0	87.0	52.0	--																																																																																																																																																																																																																																											
Pasture rent/lease 17/	AUM	--	--	--	--	143.2	133.5	64.1	72.9	80.7	149.0	--																																																																																																																																																																																																																																											
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Deeded rangeland 17/	AUM	--	--	--	--	286.3	227.0	128.3	145.8	161.4	298.0	--																																																																																																																																																																																																																																											
Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	557.0	100.0																																																																																																																																																																																																																																											
Hay	Ton	166.1	182.3	197.4	213.3	--	--	--	--	--	--	45.1																																																																																																																																																																																																																																											
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Protein supplement	Ton	1.4	1.4	1.4	1.4	--	--	--	--	--	--	1.4																																																																																																																																																																																																																																											
Marketing month:																																																																																																																																																																																																																																																							
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Yearling steers	Head	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Yearling heifers	Head	--	--	--	--	--	--	--	36	--	--	--																																																																																																																																																																																																																																											
Cull cows	Head	--	--	--	--	--	--	--	--	--	38	--																																																																																																																																																																																																																																											

Table 126--Beef cow enterprises of 800 or more cows, Bridger-Teton National Forest, Western Wyoming, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow
Production:							Cash costs--Continued						
Bred cows 1/	Head	1,700	--	--	--	--	Protein supplement 5/	Ton	23.0	--	218.40	5,023	2.95
Annual cow loss	Head	51	--	--	--	--	Grain	Bu	--	--	--	--	--
Cows culled	Head	133	--	--	--	--	Other feed	Ton	--	--	--	--	--
Calves born alive	Head	1,462	--	--	--	--	Salt and mineral	Cwt	595.0	--	3.91	2,326	1.37
Calves lost birth to weaning	Head	102	--	--	--	--	Veterinary & medicine	Dol	--	--	--	3,301	1.94
Steer calves weaned	Head	680	--	--	--	--	Hired trucking	Dol	--	--	--	3,817	2.25
Sold as weaners	Head	680	--	--	--	--	Marketing 6/	Dol	--	--	--	4,416	2.60
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	Dol	--	--	--	16,002	9.41
Sold as yearlings	Head	--	--	--	--	--	Hired labor	Hrs	11,142.0	--	4.13	46,016	27.07
Heifer calves weaned	Head	680	--	--	--	--	Fuel and lubricants	Dol	--	--	--	22,474	13.22
Sold as weaners	Head	374	--	--	--	--	Repairs	Dol	--	--	--	29,661	17.45
Lost after weaning	Head	6	--	--	--	--	Taxes 8/	Dol	--	--	--	15,574	9.16
Sold as yearlings	Head	116	--	--	--	--	Insurance	Dol	--	--	--	4,456	2.62
Kept for herd replacement 2/	Head	184	--	--	--	--	Interest on operating capital 9/	Dol	144,801.0	--	0.16	22,734	13.37
Bulls	Head	22	--	--	--	--	Total cash costs	Dol	--	--	--	324,152	190.68
Sales:							Other costs:						
Steer calves	Head	680	385	69.14	181,009	--	Family labor 10/	Hrs	5,008.0	--	4.13	20,683	12.17
Heifer calves	Head	374	360	59.42	80,003	--	Capital replacement 11/	Dol	--	--	--	89,468	52.63
Yearling steers	Head	--	--	--	--	--	Interest on investment other than land 13/	Dol	--	--	--	96,147	56.56
Yearling heifers	Head	116	650	60.85	45,881	--	Interest on land 13/	Dol	--	--	--	777,159	457.15
Cull cows	Head	133	988	35.05	46,057	--	Total other costs	Dol	--	--	--	983,457	578.50
Total sales	Head	--	--	--	352,950	207.62	Total all costs	Dol	--	--	--	-1,307,609	769.18
Cash costs:							Return above cash costs:						
Federal grazing fees 3/	A/M	6,071.0	--	1.86	11,292	6.64	Return above cash costs and family labor investment 14/	Dol	--	--	--	28,798	16.94
Private pasture lease	A/M	2,869.4	--	8.46	24,275	14.28	Return to land 15/	Dol	--	--	--	8,115	4.77
Other pasture lease 4/	A/M	--	--	--	--	--							
State land lease	A/M	956.5	--	1.44	1,377	0.81							
Irrigated pasture	A/M	--	--	--	--	--							
Hay produced	Ton	2,405.0	--	35.06	84,319	49.60							
Hay purchase 1	Ton	424.4	--	63.83	27,089	15.93							
							Jan. : Feb. : Mar. : Apr. : May : June : July : Aug. : Sept. : Oct. : Nov. : Dec.						
Feed source:													
National Forest 16/	A/M	--	--	--	--	--	182.0	581.0	590.0	561.0	196.0	50.0	--
Bureau of Land Management 16/	A/M	--	--	--	--	700.0	723.0	718.0	616.0	610.0	455.0	79.0	--
Pasture rent/lease 17/	A/M	--	--	--	--	505.3	449.0	282.1	328.2	314.8	465.1	524.9	--
State land lease	A/M	--	--	--	--	168.5	149.7	94.0	109.4	104.9	155.0	175.0	--
Deeded rangeland 17/	A/M	--	--	--	--	1,010.6	898.0	564.2	656.4	629.7	930.1	1,049.8	--
Irrigated pasture 17/	A/M	--	--	--	--	--	--	--	--	--	--	--	--
Crop residue 17/	A/M	--	--	--	--	--	--	--	--	--	--	--	1,200.0
Hay	Ton	573.1	628.6	679.5	735.1	--	--	--	--	--	--	--	213.1
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--
Protein supplement	Ton	4.6	4.6	4.6	4.6	--	--	--	--	--	--	--	1.6
Marketing month:													
Steer calves	Head	--	--	--	--	--	--	--	--	--	--	680.0	--
Heifer calves	Head	--	--	--	--	--	--	--	--	--	--	374.0	--
Yearling steers	Head	--	--	--	--	--	--	--	--	--	--	--	--
Yearling heifers	Head	--	--	--	--	--	--	--	116.0	--	--	--	--
Cull cows	Head	--	--	--	--	--	--	--	--	--	--	133.0	--

Table 127--Beef cow enterprises with up to 99 cows, Caribou National Forest, Southeast Idaho, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																										
Production:							Cash costs--Continued																																																																																																																																																																																																																																																
Bred cows 1/	Head	55	--	--	--	--	Protein supplement 5/	Ton	--	--	--	--	--																																																																																																																																																																																																																																										
Annual cow loss	Head	1	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																										
Cows culled	Head	9	--	--	--	--	Other feed	Ton	--	--	--	--	--																																																																																																																																																																																																																																										
Calves born alive	Head	47	--	--	--	--	Salt and mineral	Cwt	19.0	--	4.33	82	1.49																																																																																																																																																																																																																																										
Calves lost birth to weaning	Head	2	--	--	--	--	Veterinary & medicine	Dol	--	--	--	254	4.62																																																																																																																																																																																																																																										
Steer calves weaned	Head	22	--	--	--	--	Hired trucking	Dol	--	--	--	233	4.24																																																																																																																																																																																																																																										
Sold as weaners	Head	14	--	--	--	--	Marketing 6/	Dol	--	--	--	273	4.96																																																																																																																																																																																																																																										
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	Dol	--	--	--	766	13.93																																																																																																																																																																																																																																										
Sold as yearlings	Head	8	--	--	--	--	Hired labor	Hrs	19.0	--	4.17	79	1.44																																																																																																																																																																																																																																										
Heifer calves weaned	Head	23	--	--	--	--	Fuel and lubricants	Dol	--	--	--	948	17.24																																																																																																																																																																																																																																										
Sold as weaners	Head	5	--	--	--	--	Repairs	Dol	--	--	--	766	13.93																																																																																																																																																																																																																																										
Lost after weaning	Head	--	--	--	--	--	Taxes 8/	Dol	--	--	--	439	7.98																																																																																																																																																																																																																																										
Sold as yearlings	Head	8	--	--	--	--	Insurance	Dol	--	--	--	264	4.80																																																																																																																																																																																																																																										
Kept for herd replacement 2/	Head	10	--	--	--	--	Interest on operating capital 9/	Dol	3,726.1	--	0.15	551	10.02																																																																																																																																																																																																																																										
Bulls	Head	2	--	--	--	--	Total cash costs	Dol	--	--	--	9,286	168.84																																																																																																																																																																																																																																										
Sales:							Other costs:																																																																																																																																																																																																																																																
Steer calves	Head	14	425	65.44	3,894	--	Family labor 10/	Hrs	1,040.0	--	4.17	4,337	78.85																																																																																																																																																																																																																																										
Heifer calves	Head	5	360	56.00	1,008	--	Capital replacement 11/	Dol	--	--	--	1,788	32.51																																																																																																																																																																																																																																										
Yearling steers	Head	8	715	62.00	3,546	--	Interest on investment other than land 13/	Dol	--	--	--	5,320	96.73																																																																																																																																																																																																																																										
Yearling heifers	Head	8	658	56.56	2,977	--	Interest on land 13/	Dol	--	--	--	18,069	328.53																																																																																																																																																																																																																																										
Cull cows	Head	9	975	35.05	3,076	--	Total other costs	Dol	--	--	--	29,514	536.62																																																																																																																																																																																																																																										
Total sales	Head	--	--	--	14,501	263.65	Total all costs	Dol	--	--	--	38,800	705.45																																																																																																																																																																																																																																										
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																
Federal grazing fees 3/	AM	285.0	--	1.86	530	9.64	Return above cash costs and family labor	Dol	--	--	--	5,215	94.82																																																																																																																																																																																																																																										
Private pasture lease	AUM	--	--	--	--	--	Return to total investment 14/	Dol	--	--	--	-910	-16.55																																																																																																																																																																																																																																										
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-6,230	-113.27																																																																																																																																																																																																																																										
State land lease	AUM	--	--	--	--	--																																																																																																																																																																																																																																																	
Irrigated pasture	AUM	--	--	--	--	--																																																																																																																																																																																																																																																	
Hay produced	Ton	125.1	--	32.78	4,101	74.56																																																																																																																																																																																																																																																	
Hay purchased	Ton	--	--	--	--	--																																																																																																																																																																																																																																																	
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td>Feed source:</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>40.0</td> <td>81.0</td> <td>84.0</td> <td>80.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>95.0</td> <td>52.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>40.0</td> <td>34.0</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>20.7</td> <td>23.1</td> <td>24.3</td> <td>26.4</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>9.9</td> <td>20.7</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Marketing month:</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>14.0</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>5.0</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>8.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>8.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>9.0</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:													National Forest 16/	AM	--	--	--	--	40.0	81.0	84.0	80.0	--	--	--	Bureau of Land Management 16/	AM	--	--	--	--	--	--	--	--	--	--	--	Pasture rent/lease 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--	Deeded rangeland 17/	AUM	--	--	--	95.0	52.0	--	--	--	--	--	--	Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	40.0	34.0	--	Hay	Ton	20.7	23.1	24.3	26.4	--	--	--	--	--	9.9	20.7	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--	Marketing month:													Steer calves	Head	--	--	--	--	--	--	--	--	--	14.0	--	Heifer calves	Head	--	--	--	--	--	--	--	--	--	5.0	--	Yearling steers	Head	--	--	--	--	--	--	--	8.0	--	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	8.0	--	--	--	Cull cows	Head	--	--	--	--	--	--	--	--	--	9.0	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																											
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Crop residue 17/	AUM	--	--	--	--	--	--	--	--	40.0	34.0	--																																																																																																																																																																																																																																											
Hay	Ton	20.7	23.1	24.3	26.4	--	--	--	--	--	9.9	20.7																																																																																																																																																																																																																																											
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Marketing month:																																																																																																																																																																																																																																																							
Steer calves	Head	--	--	--	--	--	--	--	--	--	14.0	--																																																																																																																																																																																																																																											
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Yearling steers	Head	--	--	--	--	--	--	--	8.0	--	--	--																																																																																																																																																																																																																																											
Yearling heifers	Head	--	--	--	--	--	--	--	8.0	--	--	--																																																																																																																																																																																																																																											
Cull cows	Head	--	--	--	--	--	--	--	--	--	9.0	--																																																																																																																																																																																																																																											

Table 128--Beef cow enterprises with 100-199 cows, Caribou National Forest, Southeast Idaho, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow
Production:							Cash costs--Continued						
Bred cows <u>1/</u>	Head	135	--	--	--	--	Protein supplement <u>5/</u>	Ton	--	--	--	--	--
Annual cow loss	Head	3	--	--	--	--	Grain	Bu	--	--	--	--	--
Cows culled	Head	23	--	--	--	--	Other feed	Ton	--	--	--	--	--
Calves born alive	Head	109	--	--	--	--	Salt and mineral	Cwt	47.3	--	4.33	205	1.52
Calves lost birth to weaning	Head	4	--	--	--	--	Veterinary & medicine	Dol	--	--	--	826	6.12
Steer calves weaned	Head	52	--	--	--	--	Hired trucking	Dol	--	--	--	241	1.79
Sold as weaners	Head	36	--	--	--	--	Marketing <u>6/</u>	Dol	--	--	--	395	2.93
Lost after weaning	Head	--	--	--	--	--	General overhead <u>7/</u>	Dol	--	--	--	1,651	12.25
Sold as yearlings	Head	16	--	--	--	--	Hired labor	Hrs	764.0	--	4.17	3,186	23.60
Heifer calves weaned	Head	53	--	--	--	--	Fuel and lubricants	Dol	--	--	--	2,706	20.04
Sold as weaners	Head	6	--	--	--	--	Repairs	Dol	--	--	--	2,426	17.97
Lost after weaning	Head	2	--	--	--	--	Taxes <u>8/</u>	Dol	--	--	--	1,076	7.97
Sold as yearlings	Head	19	--	--	--	--	Insurance	Dol	--	--	--	692	5.13
Kept for herd replacement <u>2/</u>	Head	26	--	--	--	--	Interest on operating capital <u>9/</u>	Dol	11,537.4	--	0.15	1,708	12.65
Bulls	Head	5	--	--	--	--	Total cash costs	Dol	--	--	--	26,272	194.61
Sales:							Other costs:						
Steer calves	Head	36	425	65.44	10,012	--	Family labor <u>10/</u>	Hrs	1,678.0	--	4.17	6,997	51.83
Heifer calves	Head	6	360	56.00	1,210	--	Capital replacement <u>11/</u>	Dol	--	--	--	5,091	37.71
Yearling steers	Head	16	715	62.00	7,093	--	Interest on investment other than land <u>13/</u>	Dol	--	--	--	13,922	103.13
Yearling heifers	Head	19	658	56.56	7,071	--	Interest on land <u>13/</u>	Dol	--	--	--	40,118	297.17
Cull cows	Head	23	976	35.05	7,868	--	Total other costs	Dol	--	--	--	66,128	489.84
Total sales	Head	--	--	--	33,254	246.33	Total all costs	Dol	--	--	--	92,400	684.44
Cash costs:							Return above cash costs:						
Federal grazing fees <u>3/</u>	AM	681.0	--	1.86	1,267	9.39	Return above cash costs: and family labor	Dol	--	--	--	6,982	51.72
Private pasture lease	AUM	--	--	--	--	--	Return to total investment <u>14/</u>	Dol	--	--	--	-5,106	-37.82
Other pasture lease <u>4/</u>	AUM	--	--	--	--	--	Return to land <u>15/</u>	Dol	--	--	--	-19,028	-140.95
State land lease	AUM	--	--	--	--	--							
Irrigated pasture	AUM	--	--	--	--	--							
Hay produced	Ton	301.7	--	32.78	9,890	73.26							
Hay purchased	Ton	--	--	--	--	--							
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Feed source:													
National Forest <u>16/</u>	AM	--	--	--	--	--	96.0	197.0	198.0	190.0	--	--	--
Bureau of Land Management <u>16/</u>	AM	--	--	--	--	--	--	--	--	--	--	--	--
Pasture rent/lease <u>17/</u>	AUM	--	--	--	--	--	--	--	--	--	--	--	--
State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--	--
Deeded rangeland <u>17/</u>	AUM	--	--	--	--	228.0	122.0	--	--	98.0	--	--	--
Irrigated pasture <u>17/</u>	AUM	--	--	--	--	--	--	--	--	--	--	--	--
Crop residue <u>17/</u>	AUM	--	--	--	--	--	--	--	--	97.0	82.0	--	--
Hay	Ton	49.9	54.7	58.9	63.7	--	--	--	--	--	24.3	50.2	--
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--
Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--	--
Marketing month:													
Steer calves	Head	--	--	--	--	--	--	--	--	--	--	36.0	--
Heifer calves	Head	--	--	--	--	--	--	--	--	--	--	6.0	--
Yearling steers	Head	--	--	--	--	--	--	--	--	16.0	--	--	--
Yearling heifers	Head	--	--	--	--	--	--	--	--	19.0	--	--	--
Cull cows	Head	--	--	--	--	--	--	--	--	--	--	23.0	--

Table 129--Beef cow enterprises with 200 or more cows, Caribou National Forest, Southeast Idaho, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																													
Production:							Cash costs--Continued																																																																																																																																																																																																																																			
Bred cows 1/	Head	287	--	--	--	--	Protein supplement 5/	Ton	--	--	--	--	--																																																																																																																																																																																																																													
Annual cow loss	Head	6	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																													
Cows culled	Head	46	--	--	--	--	Other feed	Ton	--	--	--	--	--																																																																																																																																																																																																																													
Calves born alive	Head	227	--	--	--	--	Salt and mineral	Cwt	100.5	--	4.33	435	1.52																																																																																																																																																																																																																													
Calves lost birth to weaning	Head	9	--	--	--	--	Veterinary & medicine	Dol	--	--	--	548	1.91																																																																																																																																																																																																																													
Steer calves weaned	Head	109	--	--	--	--	Hired trucking	Dol	--	--	--	1,381	4.81																																																																																																																																																																																																																													
Sold as weaners	Head	41	--	--	--	--	Marketing 6/	Dol	--	--	--	814	2.84																																																																																																																																																																																																																													
Lost after weaning	Head	1	--	--	--	--	General overhead 7/	Dol	--	--	--	2,699	9.40																																																																																																																																																																																																																													
Sold as yearlings	Head	67	--	--	--	--	Hired labor	Hrs	1,648.0	--	4.17	6,872	23.94																																																																																																																																																																																																																													
Heifer calves weaned	Head	109	--	--	--	--	Fuel and lubricants	Dol	--	--	--	4,214	14.68																																																																																																																																																																																																																													
Sold as weaners	Head	23	--	--	--	--	Repairs	Dol	--	--	--	3,997	13.93																																																																																																																																																																																																																													
Lost after weaning	Head	2	--	--	--	--	Taxes 8/	Dol	--	--	--	2,072	7.22																																																																																																																																																																																																																													
Sold as yearlings	Head	32	--	--	--	--	Insurance	Dol	--	--	--	1,379	4.80																																																																																																																																																																																																																													
Kept for herd replacement 2/	Head	52	--	--	--	--	Interest on operating capital 9/	Dol	23,950.8	--	0.15	3,545	12.35																																																																																																																																																																																																																													
Bulls	Head	11	--	--	--	--	Total cash costs	Dol	--	--	--	52,783	183.91																																																																																																																																																																																																																													
Sales:							Other costs:																																																																																																																																																																																																																																			
Steer calves	Head	41	425	65.44	11,403	--	Family labor 10/	Hrs	3,620.0	--	4.17	15,095	52.60																																																																																																																																																																																																																													
Heifer calves	Head	23	360	56.00	4,637	--	Capital replacement 11/	Dol	--	--	--	9,197	32.05																																																																																																																																																																																																																													
Yearling steers	Head	67	715	62.00	29,701	--	Interest on investment other than land 13/	Dol	--	--	--	28,002	97.57																																																																																																																																																																																																																													
Yearling heifers	Head	32	658	56.56	11,909	--	Interest on land 13/	Dol	--	--	--	80,525	280.57																																																																																																																																																																																																																													
Cull cows	Head	46	976	35.05	15,736	--	Total other costs	Dol	--	--	--	132,819	452.78																																																																																																																																																																																																																													
Total sales	Head	--	--	--	73,386	255.70	Total all costs	Dol	--	--	--	185,602	646.70																																																																																																																																																																																																																													
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																			
Federal grazing fees 3/	AM	1,526.0	--	1.85	2,838	9.89	Return above cash costs and family labor	Dol	--	--	--	20,603	71.79																																																																																																																																																																																																																													
Private pasture lease	AUM	--	--	--	--	--	Return to total investment 14/	Dol	--	--	--	-3,689	-12.85																																																																																																																																																																																																																													
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-31,691	-110.42																																																																																																																																																																																																																													
State land lease	AUM	--	--	--	--	--																																																																																																																																																																																																																																				
Irrigated pasture	AUM	--	--	--	--	--																																																																																																																																																																																																																																				
Hay produced	Ton	670.8	--	32.78	21,989	76.62																																																																																																																																																																																																																																				
Hay purchased	Ton	--	--	--	--	--																																																																																																																																																																																																																																				
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td>Feed source:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>National Forest 16/ Bureau of Land Management 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>213.0</td> <td>439.0</td> <td>446.0</td> <td>428.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>508.0</td> <td>272.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>208.0</td> <td>182.0</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>111.1</td> <td>122.2</td> <td>130.3</td> <td>141.7</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>54.4</td> <td>111.1</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Marketing month:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>41.0</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>23.0</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>67.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>32.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>46.0</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:													National Forest 16/ Bureau of Land Management 16/	AM	--	--	--	--	213.0	439.0	446.0	428.0	--	--	--	Pasture rent/lease 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--	Deeded rangeland 17/	AUM	--	--	--	508.0	272.0	--	--	--	--	--	--	Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	208.0	182.0	--	Hay	Ton	111.1	122.2	130.3	141.7	--	--	--	--	--	54.4	111.1	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--	Marketing month:													Steer calves	Head	--	--	--	--	--	--	--	--	--	41.0	--	Heifer calves	Head	--	--	--	--	--	--	--	--	--	23.0	--	Yearling steers	Head	--	--	--	--	--	--	--	67.0	--	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	32.0	--	--	--	Cull cows	Head	--	--	--	--	--	--	--	--	--	46.0	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																														
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Hay	Ton	111.1	122.2	130.3	141.7	--	--	--	--	--	54.4	111.1																																																																																																																																																																																																																														
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																														
Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																														
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Steer calves	Head	--	--	--	--	--	--	--	--	--	41.0	--																																																																																																																																																																																																																														
Heifer calves	Head	--	--	--	--	--	--	--	--	--	23.0	--																																																																																																																																																																																																																														
Yearling steers	Head	--	--	--	--	--	--	--	67.0	--	--	--																																																																																																																																																																																																																														
Yearling heifers	Head	--	--	--	--	--	--	--	32.0	--	--	--																																																																																																																																																																																																																														
Cull cows	Head	--	--	--	--	--	--	--	--	--	46.0	--																																																																																																																																																																																																																														

Table 130--Beef cow enterprises with up to 99 cows, Challis National Forest, North-Central Idaho, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																																												
Production:							Cash costs--Continued																																																																																																																																																																																																																																																																		
Bred cows <u>1/</u>	Head	64	--	--	--	--	Protein supplement <u>5/</u>	Ton	--	--	--	--	--																																																																																																																																																																																																																																																												
Annual cow loss	Head	3	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																																												
Cows culled	Head	4	--	--	--	--	Other feed	Ton	--	--	--	--	--																																																																																																																																																																																																																																																												
Calves born alive	Head	54	--	--	--	--	Salt and mineral	Cwt	22.0	4.33	95	1.48	--																																																																																																																																																																																																																																																												
Calves lost birth to weaning	Head	2	--	--	--	--	Veterinary & medicine	Dol	--	--	482	7.53	--																																																																																																																																																																																																																																																												
Steer calves weaned	Head	26	--	--	--	--	Hired trucking	Dol	--	--	282	4.41	--																																																																																																																																																																																																																																																												
Sold as weaners	Head	17	--	--	--	--	Marketing <u>6/</u>	Dol	--	--	134	2.09	--																																																																																																																																																																																																																																																												
Lost after weaning	Head	--	--	--	--	--	General overhead <u>7/</u>	Dol	--	--	1,102	17.22	--																																																																																																																																																																																																																																																												
Sold as yearlings	Head	9	--	--	--	--	Hired labor	Hrs	323.0	4.17	1,347	21.05	--																																																																																																																																																																																																																																																												
Heifer calves weaned	Head	26	--	--	--	--	Fuel and lubricants	Dol	--	--	1,547	24.17	--																																																																																																																																																																																																																																																												
Sold as weaners	Head	11	--	--	--	--	Repairs	Dol	--	--	1,930	30.16	--																																																																																																																																																																																																																																																												
Lost after weaning	Head	--	--	--	--	--	Taxes <u>8/</u>	Dol	--	--	939	14.67	--																																																																																																																																																																																																																																																												
Sold as yearlings	Head	8	--	--	--	--	Insurance	Dol	--	--	337	5.27	--																																																																																																																																																																																																																																																												
Kept for herd replacement <u>2/</u>	Head	7	--	--	--	--	Interest on operating capital <u>9/</u>	Dol	5,026.0	0.15	744	11.63	--																																																																																																																																																																																																																																																												
Bulls	Head	3	--	--	--	--	Total cash costs	Dol	--	--	13,521	211.27	--																																																																																																																																																																																																																																																												
Sales:							Other costs:																																																																																																																																																																																																																																																																		
Steer calves	Head	17	438	65.67	4,890	--	Family labor <u>10/</u>	Hrs	657.0	4.17	2,740	42.81	--																																																																																																																																																																																																																																																												
Heifer calves	Head	11	405	54.60	2,432	--	Capital replacement <u>11/</u>	Dol	--	--	4,000	62.50	--																																																																																																																																																																																																																																																												
Yearling steers	Head	9	668	61.80	3,715	--	Interest on investment other than land <u>13/</u>	Dol	--	--	7,657	119.64	--																																																																																																																																																																																																																																																												
Yearling heifers	Head	8	648	53.95	2,797	--	Interest on land <u>13/</u>	Dol	--	--	37,150	580.47	--																																																																																																																																																																																																																																																												
Cull cows	Head	4	976	37.71	1,472	--	Total other costs	Dol	--	--	51,547	805.42	--																																																																																																																																																																																																																																																												
Total sales	Head	--	--	--	15,306	239.16	Total all costs	Dol	--	--	65,068	1,016.69	--																																																																																																																																																																																																																																																												
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																																		
Federal grazing fees <u>3/</u>	AM	317.0	--	1.86	590	9.22	Return above cash costs and family labor investment <u>14/</u>	Dol	--	--	1,785	27.89	--																																																																																																																																																																																																																																																												
Private pasture lease	AUM	31.0	--	7.98	247	3.86	Return above cash costs and family labor investment <u>14/</u>	Dol	--	--	-955	-14.92	--																																																																																																																																																																																																																																																												
Other pasture lease <u>4/</u>	AUM	--	--	--	--	--	Return to land <u>15/</u>	Dol	--	--	-4,955	-77.42	--																																																																																																																																																																																																																																																												
State land lease	AUM	--	--	--	--	--	Return to land <u>15/</u>	Dol	--	--	-12,612	-197.06	--																																																																																																																																																																																																																																																												
Irrigated pasture	AUM	95.6	--	4.51	431	6.73																																																																																																																																																																																																																																																																			
Hay produced	Ton	101.1	--	32.78	3,314	51.78																																																																																																																																																																																																																																																																			
Hay purchased	Ton	--	--	--	--	--																																																																																																																																																																																																																																																																			
<table border="1"> <thead> <tr> <th colspan="2"></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td colspan="14">Feed source:</td> </tr> <tr> <td>National Forest <u>16/</u></td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>6.0</td> <td>23.0</td> <td>47.0</td> <td>50.0</td> <td>48.0</td> <td>14.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management <u>16/</u></td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>4.0</td> <td>29.0</td> <td>38.0</td> <td>18.0</td> <td>16.0</td> <td>13.0</td> <td>9.0</td> <td>2.0</td> <td>--</td> </tr> <tr> <td>Pasture rent/lease <u>17/</u></td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>11.4</td> <td>7.2</td> <td>3.2</td> <td>2.8</td> <td>2.7</td> <td>3.7</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland <u>17/</u></td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>48.3</td> <td>30.7</td> <td>13.7</td> <td>11.8</td> <td>11.5</td> <td>15.6</td> <td>31.9</td> <td>38.8</td> <td>--</td> </tr> <tr> <td>Irrigated pasture <u>17/</u></td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>35.1</td> <td>22.3</td> <td>10.0</td> <td>8.5</td> <td>8.4</td> <td>11.3</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue <u>17/</u></td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>23.7</td> <td>25.8</td> <td>27.9</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>23.7</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td colspan="14">Marketing month:</td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>17.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>11.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>9.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>8.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>4.0</td> <td>--</td> <td>--</td> </tr> </tbody> </table>																Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:														National Forest <u>16/</u>	AM	--	--	--	--	6.0	23.0	47.0	50.0	48.0	14.0	--	--	Bureau of Land Management <u>16/</u>	AM	--	--	--	4.0	29.0	38.0	18.0	16.0	13.0	9.0	2.0	--	Pasture rent/lease <u>17/</u>	AUM	--	--	--	11.4	7.2	3.2	2.8	2.7	3.7	--	--	--	State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--	--	Deeded rangeland <u>17/</u>	AUM	--	--	--	48.3	30.7	13.7	11.8	11.5	15.6	31.9	38.8	--	Irrigated pasture <u>17/</u>	AUM	--	--	--	35.1	22.3	10.0	8.5	8.4	11.3	--	--	--	Crop residue <u>17/</u>	AUM	--	--	--	--	--	--	--	--	--	--	--	--	Hay	Ton	23.7	25.8	27.9	--	--	--	--	--	--	--	--	23.7	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--	--	Marketing month:														Steer calves	Head	--	--	--	--	--	--	--	--	--	17.0	--	--	Heifer calves	Head	--	--	--	--	--	--	--	--	--	11.0	--	--	Yearling steers	Head	--	--	--	--	--	--	--	--	--	9.0	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	--	--	8.0	--	--	Cull cows	Head	--	--	--	--	--	--	--	--	--	4.0	--	--
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																																												
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Bureau of Land Management <u>16/</u>	AM	--	--	--	4.0	29.0	38.0	18.0	16.0	13.0	9.0	2.0	--																																																																																																																																																																																																																																																												
Pasture rent/lease <u>17/</u>	AUM	--	--	--	11.4	7.2	3.2	2.8	2.7	3.7	--	--	--																																																																																																																																																																																																																																																												
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Deeded rangeland <u>17/</u>	AUM	--	--	--	48.3	30.7	13.7	11.8	11.5	15.6	31.9	38.8	--																																																																																																																																																																																																																																																												
Irrigated pasture <u>17/</u>	AUM	--	--	--	35.1	22.3	10.0	8.5	8.4	11.3	--	--	--																																																																																																																																																																																																																																																												
Crop residue <u>17/</u>	AUM	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																												
Hay	Ton	23.7	25.8	27.9	--	--	--	--	--	--	--	--	23.7																																																																																																																																																																																																																																																												
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																												
Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																												
Marketing month:																																																																																																																																																																																																																																																																									
Steer calves	Head	--	--	--	--	--	--	--	--	--	17.0	--	--																																																																																																																																																																																																																																																												
Heifer calves	Head	--	--	--	--	--	--	--	--	--	11.0	--	--																																																																																																																																																																																																																																																												
Yearling steers	Head	--	--	--	--	--	--	--	--	--	9.0	--	--																																																																																																																																																																																																																																																												
Yearling heifers	Head	--	--	--	--	--	--	--	--	--	8.0	--	--																																																																																																																																																																																																																																																												
Cull cows	Head	--	--	--	--	--	--	--	--	--	4.0	--	--																																																																																																																																																																																																																																																												

Table 132--Beef cow enterprises with 300-699 cows, Challis National Forest, North-Central Idaho, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow
Production:							Cash costs--Continued						
Bred cows 1/	Head	413	--	--	--	--	Protein supplement 5/	Ton	--	--	--	--	--
Annual cow loss	Head	17	--	--	--	--	Grain	Bu	--	--	--	--	--
Cows culled	Head	49	--	--	--	--	Other feed	Ton	--	--	--	--	--
Calves born alive	Head	339	--	--	--	--	Salt and mineral	Cwt	145.0	4.33	628	1.52	
Calves lost birth to weaning	Head	17	--	--	--	--	Veterinary & medicine	Dol	--	--	2,643	6.40	
Steer calves weaned	Head	161	--	--	--	--	Hired trucking	Dol	--	--	682	1.65	
Sold as weaners	Head	106	--	--	--	--	Marketing 6/	Dol	--	--	1,344	3.25	
Lost after weaning	Head	1	--	--	--	--	General overhead 7/	Dol	--	--	5,143	12.45	
Sold as yearlings	Head	54	--	--	--	--	Hired labor	Hrs	2,385.0	4.17	9,945	24.08	
Heifer calves weaned	Head	161	--	--	--	--	Fuel and lubricants	Dol	--	--	4,832	11.70	
Sold as weaners	Head	62	--	--	--	--	Repairs	Dol	--	--	4,821	11.67	
Lost after weaning	Head	1	--	--	--	--	Taxes 8/	Dol	--	--	4,667	11.30	
Sold as yearlings	Head	32	--	--	--	--	Insurance	Dol	--	--	1,867	4.52	
Kept for herd replacement 2/	Head	66	--	--	--	--	Interest on operating capital 9/	Dol	31,353.0	0.15	4,640	11.23	
Bulls	Head	21	--	--	--	--	Total cash costs	Dol	--	--	75,538	182.90	
Sales:							Other costs:						
Steer calves	Head	106	405	65.67	28,192	--	Family labor 10/	Hrs	1,022.0	4.17	4,262	10.32	
Heifer calves	Head	62	380	56.00	13,194	--	Capital replacement 11/	Dol	--	--	13,394	32.43	
Yearling steers	Head	54	680	61.80	22,693	--	Interest on investment other than land 13/	Dol	--	--	38,372	92.91	
Yearling heifers	Head	32	640	53.95	11,049	--	Interest on land 13/	Dol	--	--	211,147	511.25	
Cull cows	Head	49	978	39.71	19,030	--	Total all other costs	Dol	--	--	267,175	646.91	
Total sales	Head	--	--	--	94,158	227.99	Total all costs	Dol	--	--	342,713	829.81	
Cash costs:							Return above cash costs:						
Federal grazing fees 3/	AM	2,699.0	--	1.86	5,020	12.15	Return above cash costs and family labor	Dol	--	--	14,358	34.77	
Private pasture lease 4/	AUM	--	--	--	--	--	Return to total investment 14/	Dol	--	--	964	2.33	
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	-37,408	-90.58	
State land lease	AUM	--	--	--	--	--							
Irrigated pasture	AUM	270.9	--	4.51	1,222	2.96							
Hay produced	Ton	726.0	--	32.78	23,798	57.62							
Hay purchased	Ton	80.6	--	53.17	4,286	10.38							
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Feed source:													
National Forest 16/	AM	--	--	--	--	10.0	174.0	270.0	285.0	284.0	156.0	27.0	20.0
Bureau of Land Management 16/	AM	10.0	10.0	10.0	29.0	207.0	269.0	229.0	219.0	216.0	152.0	79.0	43.0
Pasture rent/lease 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--
State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--	--
Deeded rangeland 17/	AUM	--	--	--	--	223.7	55.4	18.4	18.3	28.9	--	--	--
Irrigated pasture 17/	AUM	--	--	--	--	175.8	43.6	14.5	14.4	22.6	--	--	--
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--
Hay	Ton	149.6	164.0	176.2	183.1	--	--	--	--	--	--	--	133.7
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--
Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--	--
Marketing month:													
Steer calves	Head	--	--	--	--	--	--	--	--	106.0	--	--	--
Heifer calves	Head	--	--	--	--	--	--	--	--	62.0	--	--	--
Yearling steers	Head	--	--	--	--	--	--	--	--	54.0	--	--	--
Yearling heifers	Head	--	--	--	--	--	--	--	--	32.0	--	--	--
Cull cows	Head	--	--	--	--	--	--	--	49.0	--	--	--	--

Table 133--Beef cow enterprises with 700 or more cows, Challis National Forest, North-Central Idaho, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																																											
Production:							Cash costs--Continued																																																																																																																																																																																																																																																																	
Bred cows 1/	Head	1,345	--	--	--	--	Protein supplement 5/	Ton	--	--	--	--	--																																																																																																																																																																																																																																																											
Annual cow loss	Head	67	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																																											
Cows culled	Head	175	--	--	--	--	Other feed	Ton	--	--	--	--	--																																																																																																																																																																																																																																																											
Calves born alive	Head	1,063	--	--	--	--	Salt and mineral	Cwt	471.0	--	4.33	2,039	1.52																																																																																																																																																																																																																																																											
Calves lost birth to weaning	Head	64	--	--	--	--	Veterinary & medicine	Dol	--	--	--	9,959	7.40																																																																																																																																																																																																																																																											
Steer calves weaned	Head	499	--	--	--	--	Hired trucking	Dol	--	--	--	1,558	1.16																																																																																																																																																																																																																																																											
Sold as weaners	Head	329	--	--	--	--	Marketing 6/	Dol	--	--	--	3,077	2.29																																																																																																																																																																																																																																																											
Lost after weaning	Head	3	--	--	--	--	General overhead 7/	Dol	--	--	--	17,992	13.38																																																																																																																																																																																																																																																											
Sold as yearlings	Head	167	--	--	--	--	Hired labor	Hrs	6,053.0	--	4.17	25,241	18.77																																																																																																																																																																																																																																																											
Heifer calves weaned	Head	500	--	--	--	--	Fuel and lubricants	Dol	--	--	--	5,377	4.00																																																																																																																																																																																																																																																											
Sold as weaners	Head	179	--	--	--	--	Repairs	Dol	--	--	--	9,295	6.91																																																																																																																																																																																																																																																											
Lost after weaning	Head	6	--	--	--	--	Taxes 8/	Dol	--	--	--	12,962	9.64																																																																																																																																																																																																																																																											
Sold as yearlings	Head	73	--	--	--	--	Insurance	Dol	--	--	--	5,615	4.17																																																																																																																																																																																																																																																											
Kept for herd replacement 2/	Head	242	--	--	--	--	Interest on operating capital 9/	Dol	94,062.0	--	0.15	13,921	10.35																																																																																																																																																																																																																																																											
Bulls	Head	67	--	--	--	--	Total cash costs	Dol	--	--	--	230,503	171.38																																																																																																																																																																																																																																																											
Sales:							Other costs:																																																																																																																																																																																																																																																																	
Steer calves	Head	329	438	65.67	94,632	--	Family labor 10/	Hrs	2,017.0	--	1.17	8,411	6.25																																																																																																																																																																																																																																																											
Heifer calves	Head	179	405	54.60	39,582	--	Capital replacement 11/	Dol	--	--	--	29,828	22.18																																																																																																																																																																																																																																																											
Yearling steers	Head	167	668	61.80	68,942	--	Interest on investment other than land 13/	Dol	--	--	--	116,759	86.81																																																																																																																																																																																																																																																											
Yearling heifers	Head	73	648	52.17	24,679	--	Interest on land 13/	Dol	--	--	--	614,909	457.18																																																																																																																																																																																																																																																											
Cull cows	Head	175	976	39.71	67,825	--	Total other costs	Dol	--	--	--	769,907	572.42																																																																																																																																																																																																																																																											
Total sales	Head	--	--	--	295,660	219.82	Total all costs	Dol	--	--	--	-1,000,410	743.80																																																																																																																																																																																																																																																											
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																																	
Federal grazing fees 3/	AM	5,476.8	--	1.86	10,187	7.57	Return above cash costs:	Dol	--	--	--	65,157	48.44																																																																																																																																																																																																																																																											
Private pasture lease	AM	--	--	--	--	--	Return above cash costs:	Dol	--	--	--	55,746	42.19																																																																																																																																																																																																																																																											
Other pasture lease 4/	AM	--	--	--	--	--	and family labor	Dol	--	--	--	--	--																																																																																																																																																																																																																																																											
State land lease	AM	--	--	--	--	--	Return to total investment 14/	Dol	--	--	--	26,918	20.01																																																																																																																																																																																																																																																											
Irrigated pasture	AM	2,605.9	--	4.51	11,753	8.74	Return to land 15/	Dol	--	--	--	-89,841	-66.79																																																																																																																																																																																																																																																											
Hay produced	Ton	2,010.3	--	32.78	65,898	48.99																																																																																																																																																																																																																																																																		
Hay purchased	Ton	670.1	--	53.17	35,629	26.48																																																																																																																																																																																																																																																																		
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td colspan="14">Feed source:</td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>56.0</td> <td>112.0</td> <td>288.0</td> <td>296.0</td> <td>266.0</td> <td>108.0</td> <td>44.0</td> <td>44.0</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>138.0</td> <td>545.0</td> <td>667.0</td> <td>667.0</td> <td>667.0</td> <td>667.0</td> <td>551.0</td> <td>350.8</td> <td>--</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>805.5</td> <td>717.4</td> <td>600.9</td> <td>607.8</td> <td>584.8</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>632.9</td> <td>563.7</td> <td>472.2</td> <td>477.6</td> <td>459.5</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>495.2</td> <td>542.9</td> <td>583.2</td> <td>577.1</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>482.0</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td colspan="14">Marketing month:</td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>329.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>179.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>167.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>54.0</td> <td>19.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>175.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:														National Forest 16/	AM	--	--	--	--	56.0	112.0	288.0	296.0	266.0	108.0	44.0	44.0	Bureau of Land Management 16/	AM	--	--	--	138.0	545.0	667.0	667.0	667.0	667.0	551.0	350.8	--	Pasture rent/lease 17/	AM	--	--	--	--	--	--	--	--	--	--	--	--	State land lease	AM	--	--	--	--	--	--	--	--	--	--	--	--	Deeded rangeland 17/	AM	--	--	--	--	805.5	717.4	600.9	607.8	584.8	--	--	--	Irrigated pasture 17/	AM	--	--	--	--	632.9	563.7	472.2	477.6	459.5	--	--	--	Crop residue 17/	AM	--	--	--	--	--	--	--	--	--	--	--	--	Hay	Ton	495.2	542.9	583.2	577.1	--	--	--	--	--	--	--	482.0	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--	--	Marketing month:														Steer calves	Head	--	--	--	--	--	--	--	--	329.0	--	--	--	Heifer calves	Head	--	--	--	--	--	--	--	--	179.0	--	--	--	Yearling steers	Head	--	--	--	--	--	--	--	--	167.0	--	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	54.0	19.0	--	--	--	Cull cows	Head	--	--	--	--	--	--	--	175.0	--	--	--	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																																												
Feed source:																																																																																																																																																																																																																																																																								
National Forest 16/	AM	--	--	--	--	56.0	112.0	288.0	296.0	266.0	108.0	44.0	44.0																																																																																																																																																																																																																																																											
Bureau of Land Management 16/	AM	--	--	--	138.0	545.0	667.0	667.0	667.0	667.0	551.0	350.8	--																																																																																																																																																																																																																																																											
Pasture rent/lease 17/	AM	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																											
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Deeded rangeland 17/	AM	--	--	--	--	805.5	717.4	600.9	607.8	584.8	--	--	--																																																																																																																																																																																																																																																											
Irrigated pasture 17/	AM	--	--	--	--	632.9	563.7	472.2	477.6	459.5	--	--	--																																																																																																																																																																																																																																																											
Crop residue 17/	AM	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																											
Hay	Ton	495.2	542.9	583.2	577.1	--	--	--	--	--	--	--	482.0																																																																																																																																																																																																																																																											
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																											
Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																											
Marketing month:																																																																																																																																																																																																																																																																								
Steer calves	Head	--	--	--	--	--	--	--	--	329.0	--	--	--																																																																																																																																																																																																																																																											
Heifer calves	Head	--	--	--	--	--	--	--	--	179.0	--	--	--																																																																																																																																																																																																																																																											
Yearling steers	Head	--	--	--	--	--	--	--	--	167.0	--	--	--																																																																																																																																																																																																																																																											
Yearling heifers	Head	--	--	--	--	--	--	--	54.0	19.0	--	--	--																																																																																																																																																																																																																																																											
Cull cows	Head	--	--	--	--	--	--	--	175.0	--	--	--	--																																																																																																																																																																																																																																																											

Table 134--Beef cow enterprises with 0-99 cows, Dixie National Forest, Southwestern Utah, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																												
Production:							Cash costs--Continued:																																																																																																																																																																																																																																																		
Bred cows <u>1/</u>	Head	44	--	--	--	--	Protein supplement <u>5/</u>	Ton	0.7	--	199.00	139	3.16																																																																																																																																																																																																																																												
Annual cow loss	Head	2	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																												
Cows culled	Head	5	--	--	--	--	Other feed	Ton	--	--	--	--	--																																																																																																																																																																																																																																												
Calves born alive	Head	33	--	--	--	--	Salt and mineral	Cwt	15.4	--	4.85	75	1.70																																																																																																																																																																																																																																												
Calves lost birth to weaning	Head	2	--	--	--	--	Veterinary & medicine	Dol	--	--	--	248	5.64																																																																																																																																																																																																																																												
Steer calves weaned	Head	15	--	--	--	--	Hired trucking	Dol	--	--	--	41	.93																																																																																																																																																																																																																																												
Sold as weaners	Head	13	--	--	--	--	Marketing <u>6/</u>	Dol	--	--	--	145	3.30																																																																																																																																																																																																																																												
Lost after weaning	Head	--	--	--	--	--	General overhead <u>7/</u>	Dol	--	--	--	604	13.73																																																																																																																																																																																																																																												
Sold as yearlings	Head	2	--	--	--	--	Hired labor	Hrs	--	--	--	--	--																																																																																																																																																																																																																																												
Heifer calves weaned	Head	16	--	--	--	--	Fuel and lubricants	Dol	--	--	--	666	15.14																																																																																																																																																																																																																																												
Sold as weaners	Head	7	--	--	--	--	Repairs	Dol	--	--	--	420	9.55																																																																																																																																																																																																																																												
Lost after weaning	Head	--	--	--	--	--	Taxes <u>8/</u>	Dol	--	--	--	306	6.95																																																																																																																																																																																																																																												
Sold as yearlings	Head	2	--	--	--	--	Insurance	Dol	--	--	--	189	4.30																																																																																																																																																																																																																																												
Kept for herd	Head	--	--	--	--	--	Interest on operating capital <u>9/</u>	Dol	4,832.0	--	0.15	725	16.48																																																																																																																																																																																																																																												
Replacement <u>2/</u>	Head	7	--	--	--	--	Total cash costs	Dol	--	--	--	6,205	141.02																																																																																																																																																																																																																																												
Bulls	Head	2	--	--	--	--	Other costs:																																																																																																																																																																																																																																																		
Sales:							Family labor <u>10/</u>																																																																																																																																																																																																																																																		
Steer calves	Head	13	410	65.44	3,488	--	Capital replacement <u>11/</u>	Dol	--	--	--	1,268	28.82																																																																																																																																																																																																																																												
Heifer calves	Head	7	370	56.00	1,450	--	Interest on investment other than land <u>13/</u>	Dol	--	--	--	3,986	90.59																																																																																																																																																																																																																																												
Yearling steers	Head	2	708	59.75	846	--	Interest on land <u>13/</u>	Dol	--	--	--	11,844	269.18																																																																																																																																																																																																																																												
Yearling heifers	Head	2	625	53.95	674	--	Total other costs	Dol	--	--	--	19,725	448.30																																																																																																																																																																																																																																												
Cull cows	Head	5	875	37.71	1,650	--	Total all costs	Dol	--	--	--	25,930	589.32																																																																																																																																																																																																																																												
Total sales	Head	--	--	--	8,108	184.27	Return above cash costs:	Dol	--	--	--	1,903	43.25																																																																																																																																																																																																																																												
Cash costs:							and family labor																																																																																																																																																																																																																																																		
Federal grazing fees <u>3/</u>	AM	260.0	--	1.86	484	11.00	Return to total investment <u>14/</u>	Dol	--	--	--	-1,992	-45.27																																																																																																																																																																																																																																												
Private pasture lease	AUM	17.0	--	9.29	158	3.59	Return to land <u>15/</u>	Dol	--	--	--	-5,978	-135.86																																																																																																																																																																																																																																												
Other pasture lease <u>4/</u>	AUM	--	--	--	--	--																																																																																																																																																																																																																																																			
State land lease	AUM	--	--	--	--	--																																																																																																																																																																																																																																																			
Irrigated pasture	AUM	40.0	--	5.14	206	4.68																																																																																																																																																																																																																																																			
Hay produced	Ton	38.1	--	40.71	1,551	35.25																																																																																																																																																																																																																																																			
Hay purchased	Ton	4.0	--	62.00	248	5.64																																																																																																																																																																																																																																																			
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td colspan="14">Feed source:</td> </tr> <tr> <td>National Forest <u>16/</u></td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>26.0</td> <td>34.0</td> <td>34.0</td> <td>33.0</td> <td>9.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management <u>16/</u></td> <td>AM</td> <td>15.0</td> <td>15.0</td> <td>15.0</td> <td>15.0</td> <td>17.0</td> <td>5.0</td> <td>2.0</td> <td>2.0</td> <td>6.0</td> <td>14.0</td> <td>16.0</td> </tr> <tr> <td>Pasture rent/lease <u>17/</u></td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>5.0</td> <td>4.0</td> <td>2.0</td> <td>2.0</td> <td>2.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland <u>17/</u></td> <td>AUM</td> <td>--</td> <td>--</td> <td>13.7</td> <td>41.5</td> <td>37.8</td> <td>21.7</td> <td>14.4</td> <td>14.4</td> <td>15.2</td> <td>3.0</td> <td>--</td> </tr> <tr> <td>Irrigated pasture <u>17/</u></td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>7.0</td> <td>7.0</td> <td>8.0</td> <td>9.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue <u>17/</u></td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>34.0</td> <td>34.0</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>10.8</td> <td>11.9</td> <td>8.8</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>10.6</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>0.2</td> <td>0.2</td> <td>0.2</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>0.1</td> </tr> <tr> <td colspan="14">Marketing month:</td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>13.0</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>7.0</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>2.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>2.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>5.0</td> <td>--</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:														National Forest <u>16/</u>	AM	--	--	--	--	26.0	34.0	34.0	33.0	9.0	--	--	Bureau of Land Management <u>16/</u>	AM	15.0	15.0	15.0	15.0	17.0	5.0	2.0	2.0	6.0	14.0	16.0	Pasture rent/lease <u>17/</u>	AUM	--	--	--	5.0	4.0	2.0	2.0	2.0	--	--	--	State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--	Deeded rangeland <u>17/</u>	AUM	--	--	13.7	41.5	37.8	21.7	14.4	14.4	15.2	3.0	--	Irrigated pasture <u>17/</u>	AUM	--	--	--	--	7.0	7.0	8.0	9.0	--	--	--	Crop residue <u>17/</u>	AUM	--	--	--	--	--	--	--	--	34.0	34.0	--	Hay	Ton	10.8	11.9	8.8	--	--	--	--	--	--	--	10.6	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	0.2	0.2	0.2	--	--	--	--	--	--	--	0.1	Marketing month:														Steer calves	Head	--	--	--	--	--	--	--	--	--	13.0	--	Heifer calves	Head	--	--	--	--	--	--	--	--	--	7.0	--	Yearling steers	Head	--	--	--	--	--	--	--	--	2.0	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	--	2.0	--	--	Cull cows	Head	--	--	--	--	--	--	--	--	5.0	--	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																													
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Cull cows	Head	--	--	--	--	--	--	--	--	5.0	--	--																																																																																																																																																																																																																																													

Table 137--Beef cow enterprises with up to 99 cows, Fish Lake National Forest, Central Utah, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow
Production:							Cash costs--Continued						
Bred cows 1/	Head	47	--	--	--	--	Protein supplement 5/	Ton	--	--	--	--	--
Annual cow loss	Head	1	--	--	--	--	Grain	Bu	--	--	--	--	--
Cows culled	Head	4	--	--	--	--	Other feed	Ton	--	--	--	--	--
Calves born alive	Head	35	--	--	--	--	Salt and mineral	Cwt	16.5	--	4.85	80	1.70
Calves lost birth to weaning	Head	2	--	--	--	--	Veterinary & medicine	Dol	--	--	--	661	14.06
Steer calves weaned	Head	16	--	--	--	--	Hired trucking	Dol	--	--	--	445	9.47
Sold as weaners	Head	11	--	--	--	--	Marketing 6/	Dol	--	--	--	444	9.45
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	Dol	--	--	--	754	16.04
Sold as yearlings	Head	5	--	--	--	--	Hired labor	Hrs	--	--	--	--	--
Heifer calves weaned	Head	17	--	--	--	--	Fuel and lubricants	Dol	--	--	--	546	11.62
Sold as weaners	Head	8	--	--	--	--	Repairs	Dol	--	--	--	715	15.21
Lost after weaning	Head	--	--	--	--	--	Taxes 8/	Dol	--	--	--	290	6.17
Sold as yearlings	Head	4	--	--	--	--	Insurance	Dol	--	--	--	213	4.53
Kept for herd replacement 2/	Head	5	--	--	--	--	Interest on operating capital 9/	Dol	3,386.0	--	0.15	501	10.66
Bulls	Head	2	--	--	--	--	Total cash costs	Dol	--	--	--	8,577	182.49
							Other costs:						
Sales:							Family labor 10/						
Steer calves	Head	11	420	65.44	3,023	--	Capital replacement 11/	Dol	--	--	--	1,532	32.60
Heifer calves	Head	8	385	56.00	1,725	--	Interest on investment other than land 13/	Dol	--	--	--	4,393	93.47
Yearling steers	Head	5	700	63.50	2,223	--	Interest on land 13/	Dol	--	--	--	10,166	216.30
Yearling heifers	Head	4	625	56.56	1,414	--	Total other costs	Dol	--	--	--	18,473	393.04
Cull cows	Head	4	950	35.05	1,332	--	Total all costs	Dol	--	--	--	27,050	575.53
Total sales	Head	--	--	--	9,717	206.74	Return above cash costs:						
Cash costs:							Return above cash costs:						
Federal grazing fees 3/	AM	230.0	--	1.86	428	9.11	and family labor	Dol	--	--	--	-1,242	-26.43
Private pasture lease	AUM	--	--	--	--	--	Return to total investment 14/	Dol	--	--	--	-2,774	-59.02
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-7,167	-152.49
State land lease	AUM	--	--	--	--	--							
Irrigated pasture	AUM	55.0	--	5.17	284	6.04							
Hay produced	Ton	79.0	--	40.71	3,216	68.43							
Hay purchased	Ton	--	--	--	--	--							
Feed source:													
: : : Jan. : Feb. : Mar. : Apr. : May : June : July : Aug. : Sept. : Oct. : Nov. : Dec. :													
National Forest 16/	AM	--	--	--	--	--	32.0	32.0	32.0	35.0	39.0	--	--
Bureau of Land Management 16/	AM	11.0	10.0	9.0	8.0	--	--	--	--	--	--	11.0	11.0
Pasture rent/lease 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--
State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--	--
Deeded rangeland 17/	AUM	--	--	--	--	77.0	36.0	--	38.0	--	--	--	--
Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	33.0	22.0	--	--
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	--	45.0	--
Hay	Ton	15.0	15.0	17.0	18.0	--	--	--	--	--	--	--	14.0
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--
Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--	--
Marketing month:													
Steer calves	Head	--	--	--	--	--	--	--	--	--	--	11.0	--
Heifer calves	Head	--	--	--	--	--	--	--	--	--	--	8.0	--
Yearling steers	Head	--	--	--	--	--	--	--	--	5.0	--	--	--
Yearling heifers	Head	--	--	--	--	--	--	--	--	4.0	--	--	--
Cull cows	Head	--	--	--	--	--	--	--	--	--	--	4.0	--

Table 138--Beef cow enterprises with 100-299 cows, Fish Lake National Forest, Central Utah, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow
Production:							Cash costs--Continued						
Bred cows 1/	Head	158	--	--	--	--	Protein supplement 5/	Ton	--	--	--	--	--
Annual cow loss	Head	3	--	--	--	--	Grain	Bu	--	--	--	--	--
Cows culled	Head	17	--	--	--	--	Other feed	Ton	--	--	--	--	--
Calves born alive	Head	115	--	--	--	--	Salt and mineral	Cwt	55.3	--	4.85	268	1.70
Calves lost birth to weaning	Head	6	--	--	--	--	Veterinary & medicine	Dol	--	--	--	665	4.21
Steer calves weaned	Head	54	--	--	--	--	Hired trucking	Dol	--	--	--	449	2.84
Sold as weaners	Head	38	--	--	--	--	Marketing 6/	Dol	--	--	--	447	2.83
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	Dol	--	--	--	2,242	14.19
Sold as yearlings	Head	16	--	--	--	--	Hired labor	Hrs	893.5	--	4.22	3,771	23.87
Heifer calves weaned	Head	55	--	--	--	--	Fuel and lubricants	Dol	--	--	--	2,169	13.73
Sold as weaners	Head	25	--	--	--	--	Repairs	Dol	--	--	--	2,685	16.99
Lost after weaning	Head	1	--	--	--	--	Taxes 8/	Dol	--	--	--	972	6.15
Sold as yearlings	Head	9	--	--	--	--	Insurance	Dol	--	--	--	731	4.63
Kept for herd replacement 2/	Head	20	--	--	--	--	Interest on operating capital 9/	Dol	10,127.6	--	0.15	1,499	9.49
Bulls	Head	6	--	--	--	--	Total cash costs	Dol	--	--	--	26,611	168.42
Sales:							Other costs:						
Steer calves	Head	38	420	65.44	10,444	--	Family labor 10/	Hrs	1,964.0	--	4.22	8,288	52.46
Heifer calves	Head	25	385	56.00	5,390	--	Capital replacement 11/	Dol	--	--	--	5,904	37.37
Yearling steers	Head	16	700	63.50	7,112	--	Interest on investment other than land 13/	Dol	--	--	--	15,404	97.49
Yearling heifers	Head	9	625	56.56	3,182	--	Total other costs	Dol	--	--	--	31,106	196.87
Cull cows	Head	17	950	35.05	5,661	--	Total all costs	Dol	--	--	--	87,313	552.61
Total sales	Head	--	--	--	31,789	201.19	Return above cash costs:						
Cash costs:							and family labor						
Federal grazing fees 3/	AM	891.0	--	1.86	1,657	10.49	Return above cash costs:	Dol	--	--	--	5,178	32.77
Private pasture lease 4/	AUM	114.0	--	9.29	1,059	6.70	Return above cash costs:	Dol	--	--	--	-3,110	-19.69
Other pasture lease 4/	AUM	--	--	--	--	--	Return to total investment 14/	Dol	--	--	--	-9,014	-57.06
State land lease	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-24,418	-154.55
Irrigated pasture	AUM	257.0	--	5.14	1,321	8.36	Feed source:						
Hay produced	Ton	164.0	--	40.71	6,676	42.25	National Forest 16/	AM	--	--	--	--	--
Hay purchased	Ton	--	--	--	--	--	Bureau of Land Management 16/	AM	99.0	89.0	82.0	75.0	--
Marketing month:							State land lease						
Steer calves	Head	--	--	--	--	--	Deeded rangeland 17/	AUM	--	--	--	--	257.0
Heifer calves	Head	--	--	--	--	--	Irrigated pasture 17/	AUM	--	--	--	--	149.0
Yearling steers	Head	--	--	--	--	--	Crop residue 17/	AUM	--	--	--	--	154.0
Yearling heifers	Head	--	--	--	--	--	Hay	Ton	26.0	32.0	37.0	42.0	156.0
Cull cows	Head	--	--	--	--	--	Grain	Bu	--	--	--	--	156.0
							Protein supplement						
							Marketing month:						
							Steer calves						
							Heifer calves						
							Yearling steers						
							Yearling heifers						
							Cull cows						

Table 140—Beef cow enterprises with 0-99 cows, Humboldt National Forest, Northeastern and East-Central Nevada, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																										
Production							Cash costs--Continued																																																																																																																																																																																																																																																
Bred cows 1/	Head	54					Grain	Bu																																																																																																																																																																																																																																															
Annual cow loss	Head	1					Other feed	Ton																																																																																																																																																																																																																																															
Cows culled	Head	4					Salt and mineral	Cwt	19		5.30	101	1.87																																																																																																																																																																																																																																										
Calves born alive	Head	47					Veterinary & medicine	Dol				759	14.06																																																																																																																																																																																																																																										
Calf loss to weaning	Head	1					Hired trucking	Dol				511	9.46																																																																																																																																																																																																																																										
Steer calves weaned	Head	23					Marketing 6/	Dol				510	9.44																																																																																																																																																																																																																																										
Sold as weaners	Head	6					General farm over-																																																																																																																																																																																																																																																
Lost after weaning	Head						head 7/	Dol				866	16.04																																																																																																																																																																																																																																										
Sold as yearlings	Head	17					Hired labor	Hrs	18		4.22	76	1.41																																																																																																																																																																																																																																										
Heifer calves weaned	Head	23					Fuel and lubricants	Dol				922	17.07																																																																																																																																																																																																																																										
Sold as weaners	Head	8					Repairs	Dol				888	16.44																																																																																																																																																																																																																																										
Lost after weaning	Head						Taxes 8/	Dol				212	3.93																																																																																																																																																																																																																																										
Sold as yearlings	Head	10					Insurance	Dol				260	4.81																																																																																																																																																																																																																																										
Kept for herd replacement 2/	Head	5					Interest on operating capital 9/	Dol	4,441		0.15	657	12.17																																																																																																																																																																																																																																										
							Total cash costs	Dol				9,127	169.02																																																																																																																																																																																																																																										
Sales:							Other costs:																																																																																																																																																																																																																																																
Steer calves	Head	6	400	67.00	1,608		Family labor 10/	Hrs	1,007		4.22	4,250	78.70																																																																																																																																																																																																																																										
Heifer calves	Head	8	350	56.00	1,568		Capital replacement 11/	Dol				2,081	38.54																																																																																																																																																																																																																																										
Yearling steers	Head	17	700	63.50	7,557		Interest on investment other than land 13/	Dol				5,257	97.35																																																																																																																																																																																																																																										
Yearling heifers	Head	10	650	56.56	3,676		Interest on land 13/	Dol				4,248	78.67																																																																																																																																																																																																																																										
Cull cows	Head	4	900	35.05	1,262		Total other costs	Dol				15,836	293.26																																																																																																																																																																																																																																										
Total sales	Head				15,671	290.20	Total all costs	Dol				24,963	462.28																																																																																																																																																																																																																																										
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																
Federal grazing fees 3/	AM	637.0		1.86	1,185	21.94	Return above cash costs and family labor	Dol				6,544	121.19																																																																																																																																																																																																																																										
Private pasture lease	AUM						Return above cash costs and family labor	Dol				2,294	42.48																																																																																																																																																																																																																																										
Other pasture lease 4/	AUM						Return to total investment 14/	Dol				213	3.94																																																																																																																																																																																																																																										
State land lease	AUM						Return to land 15/	Dol				-5,044	-93.41																																																																																																																																																																																																																																										
Irrigated pasture produced	AUM																																																																																																																																																																																																																																																						
Hay produced	Ton	42.0		45.70	1,919	35.54																																																																																																																																																																																																																																																	
Hay purchased	Ton																																																																																																																																																																																																																																																						
Protein supplement 5/	Ton	1.2		217.20	261	4.83																																																																																																																																																																																																																																																	
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td>Feed source:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td></td> <td></td> <td></td> <td></td> <td>72.0</td> <td>74.0</td> <td>75.0</td> <td>78.0</td> <td>58.0</td> <td></td> <td></td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td></td> <td>70.0</td> <td>70.0</td> <td>70.0</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>70.0</td> <td></td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>13.0</td> <td></td> <td>71.0</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>20.0</td> <td>22.0</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>0.6</td> <td>0.6</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Marketing month:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>6</td> <td></td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>8</td> <td></td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>17</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>10</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>4</td> <td></td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:													National Forest 16/	AM					72.0	74.0	75.0	78.0	58.0			Bureau of Land Management 16/	AM		70.0	70.0	70.0						70.0		Pasture rent/lease 17/	AUM												State land lease	AUM												Deeded rangeland 17/	AUM									13.0		71.0	Irrigated pasture 17/	AUM												Crop residue 17/	AUM												Hay	Ton	20.0	22.0										Grain	Bu												Protein supplement	Ton	0.6	0.6										Marketing month:													Steer calves	Head										6		Heifer calves	Head										8		Yearling steers	Head								17				Yearling heifers	Head								10				Cull cows	Head										4	
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																											
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Cull cows	Head										4																																																																																																																																																																																																																																												

Table 141--Beef cow enterprises with 100-299 cows, Humboldt National Forest, Northern, East-Central Nevada, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow
Production:							Cash costs--Continued						
Bred cows 1/	Head	198	--	--	--	--	Protein supplement 5/	Ton	5.2	--	217.20	1,129	5.70
Annual cow loss	Head	6	--	--	--	--	Grain - Corn	Bu	--	--	--	--	--
Cows culled	Head	14	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--
Calves born alive	Head	168	--	--	--	--	Salt and mineral	Cwt	69.3	--	5.30	367	1.85
Calves lost birth to weaning	Head	7	--	--	--	--	Veterinary & medicine	Dol	--	--	--	834	4.21
Steer calves weaned	Head	80	--	--	--	--	Hired trucking	Dol	--	--	--	562	2.84
Sold as weaners	Head	19	--	--	--	--	Marketing 6/	Dol	--	--	--	560	2.83
Lost after weaning	Head	1	--	--	--	--	General overhead 7/	Dol	--	--	--	2,810	14.19
Sold as yearlings	Head	60	--	--	--	--	Hired labor	Hrs	1,120.0	--	4.22	4,726	23.87
Heifer calves weaned	Head	81	--	--	--	--	Fuel and lubricants	Dol	--	--	--	2,225	11.24
Sold as weaners	Head	28	--	--	--	--	Repairs	Dol	--	--	--	1,940	9.80
Lost after weaning	Head	2	--	--	--	--	Taxes 8/	Dol	--	--	--	481	2.43
Sold as yearlings	Head	31	--	--	--	--	Insurance	Dol	--	--	--	887	4.48
Kept for herd replacement 2/	Head	20	--	--	--	--	Interest on operating capital 9/	Dol	20,829.7	--	0.15	3,083	15.57
Bulls	Head	8	--	--	--	--	Total cash costs	Dol	--	--	--	36,953	186.63
Sales:							Other costs:						
Steer calves	Head	19	400	67.00	5,092	--	Family labor 10/	Hrs	2,461.5	--	4.22	10,388	52.46
Heifer calves	Head	28	350	56.00	5,488	--	Capital replacement 11/	Dol	--	--	--	6,208	31.35
Yearling steers	Head	60	700	63.50	26,670	--	Interest on investment other than land 13/	Dol	--	--	--	17,838	90.09
Yearling heifers	Head	31	650	56.56	11,397	--	Interest on land 13/	Dol	--	--	--	8,183	41.33
Cull cows	Head	14	900	35.05	4,416	--	Total other costs	Dol	--	--	--	42,617	215.24
Total sales	Head	--	--	--	53,063	267.99	Total all costs	Dol	--	--	--	79,570	401.87
Cash costs:							Return above cash costs:						
Federal grazing fees 3/	AM	1,514.0	--	1.86	2,816	14.22	Return above cash costs and family labor	Dol	--	--	--	5,722	28.90
Private pasture lease	AUM	--	--	--	--	--	Return to total investment 14/	Dol	--	--	--	-486	2.45
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-18,324	-92.55
State land lease	AUM	--	--	--	--	--							
Irrigated pasture	AUM	--	--	--	--	--							
Hay produced	Ton	318.0	--	45.70	14,533	73.40							
Hay purchased	Ton	--	--	--	--	--							
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Feed source:													
National Forest 16/	AM	--	--	--	--	--	250.0	249.0	250.0	266.0	210.0	--	--
Bureau of Land Management 16/	AM	--	--	--	116.0	110.0	10.0	18.0	22.0	13.0	--	--	--
Pasture rent/lease 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--
State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--	--
Deeded rangeland 17/	AUM	--	--	--	178.0	203.0	--	--	--	--	45.0	--	--
Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	--	102.0	--
Hay	Ton	73.0	83.0	89.0	--	--	--	--	--	--	--	--	73.0
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--
Protein supplement	Ton	1.3	1.3	1.3	--	--	--	--	--	--	--	--	1.3
Marketing month:													
Steer calves	Head	--	--	--	--	--	--	--	--	--	--	19.0	--
Heifer calves	Head	--	--	--	--	--	--	--	--	--	--	28.0	--
Yearling steers	Head	--	--	--	--	--	--	--	--	60.0	--	--	--
Yearling heifers	Head	--	--	--	--	--	--	--	--	27.0	--	4.0	--
Cull cows	Head	--	--	--	--	--	--	--	--	--	--	14.0	--

Table 143--Beef cow enterprises with 600 or more cows, Humboldt National Forest, Northeastern and East-Central Nevada, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow
Production							Cash costs--Continued						
Bred cows ^{1/}	Head	2,070					Grain	Bu					
Annual cow loss	Head	103					Other feed	Ton					
Cows culled	Head	144					Salt and mineral	Cwt	7,245		5.30	38,399	18.55
Calves born alive	Head	1,635					Veterinary & medicine	Dol				7,700	3.72
Calf loss to weaning	Head	82					Hired trucking	Dol				4,306	2.08
Steer calves weaned	Head	776					Marketing ^{6/}	Dol				2,795	1.35
Sold as weaners	Head	326					General farm over-						
Lost after weaning	Head	9					head ^{7/}	Dol				15,152	7.32
Sold as yearlings	Head	441					Hired labor	Hrs	17,919		4.22	75,618	36.53
Heifer calves weaned	Head	777					Fuel and lubricants	Dol				8,943	4.32
Sold as weaners	Head	349					Repairs	Dol				14,748	7.12
Lost after weaning	Head	8					Taxes ^{8/}	Dol				8,167	3.95
Sold as yearlings	Head	173					Insurance	Dol				8,752	4.23
Kept for herd replacement ^{2/}	Head	247					Interest on operating capital ^{9/}	Dol	231,754		0.15	34,300	16.57
							Total cash costs	Dol				449,210	217.01
Sales:							Other costs:						
Steer calves	Head	326	400	67.00	87,368		Family labor ^{10/}	Hrs	5,334		4.22	22,509	10.87
Heifer calves	Head	349	350	56.00	68,404		Capital replacement ^{11/}	Dol				48,752	23.55
Yearling steers	Head	441	700	63.50	196,025		Interest on investment other than land ^{13/}	Dol				172,506	83.34
Yearling heifers	Head	173	650	52.12	58,609		Interest on land ^{13/}	Dol				263,859	127.47
Cull cows	Head	144	900	35.05	45,425		Total other costs	Dol				507,626	245.23
Total sales	Head	--	--	--	455,831	220.21	Total all costs	Dol				956,836	462.24
Cash costs:							Return above cash costs:						
Federal grazing fees ^{3/}	AM	13,357.0		1.86	24,844	12.00	Return above cash costs:	Dol				6,621	3.20
Private pasture lease	AUM						Return above cash costs:	Dol				-15,888	7.68
Other pasture lease ^{4/}	AUM						and family labor	Dol					
State land lease	AUM						Return to total						
Irrigated pasture produced	AUM	2,454.0		5.41	13,276	6.41	investment ^{14/}	Dol				-64,640	-31.23
Hay produced	Ton	2,075.0		45.70	94,828	45.81	Return to land ^{15/}	Dol				-237,146	-114.56
Hay purchased	Ton	1,118.0		74.67	83,481	40.33							
Protein supplement ^{5/}	Ton	64.0		217.20	13,901	6.72							
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Feed source:													
National Forest ^{16/}	AM	--	--	--	--	--	846.0	846.0	846.0	904.0	904.0	--	--
Bureau of Land Management ^{16/}	AM	--	--	--	1,154.0	1,098.0	1,027.0	1,027.0	1,021.0	1,090.0	1,098.0	1,496.0	--
Pasture rent/lease ^{17/}	AUM	--	--	--	--	--	--	--	--	--	--	--	--
State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--	--
Deeded rangeland ^{17/}	AUM	--	--	--	1,772.0	2,022.0	1,037.0	1,123.0	--	--	347.0	--	--
Irrigated pasture ^{17/}	AUM	--	--	--	--	--	--	--	1,175.0	1,013.0	266.0	--	--
Crop residue ^{17/}	AUM	--	--	--	--	--	--	--	--	--	--	1,025.0	--
Hay	Ton	745.0	820.0	883.0	--	--	--	--	--	--	--	--	745.0
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--
Protein supplement	Ton	16.0	16.0	16.0	--	--	--	--	--	--	--	--	16.0
Marketing month:													
Steer calves	Head	--	--	--	--	--	--	--	--	--	--	326	--
Heifer calves	Head	--	--	--	--	--	--	--	--	--	--	349	--
Yearling steers	Head	--	--	--	--	--	--	--	--	441	--	--	--
Yearling heifers	Head	--	--	--	--	--	--	--	--	173	--	--	--
Cull cows	Head	--	--	--	--	--	--	--	--	--	--	144	--

Table 145--Beef cow enterprises with 100-399 cows, Manti-Lasal National Forest, Southeastern Utah, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																									
Production:							Cash costs--Continued																																																																																																																																																																																																																																															
Bred cows 1/	Head	171	--	--	--	--	Protein supplement 5/	Ton	47.9	--	199.00	9,532	55.74																																																																																																																																																																																																																																									
Annual cow loss	Head	7	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																									
Cows culled	Head	20	--	--	--	--	Other feed	Ton	--	--	--	--	--																																																																																																																																																																																																																																									
Calves born alive	Head	144	--	--	--	--	Salt and mineral	Cwt	60.0	--	4.85	291	1.70																																																																																																																																																																																																																																									
Calves lost birth to weaning	Head	12	--	--	--	--	Veterinary & medicine	Dol	--	--	--	1,060	6.20																																																																																																																																																																																																																																									
Steer calves weaned	Head	66	--	--	--	--	Hired trucking	Dol	--	--	--	354	2.07																																																																																																																																																																																																																																									
Sold as weaners	Head	59	--	--	--	--	Marketing 6/	Dol	--	--	--	455	2.66																																																																																																																																																																																																																																									
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	Dol	--	--	--	2,096	12.26																																																																																																																																																																																																																																									
Sold as yearlings	Head	7	--	--	--	--	Hired labor	Hrs	698.0	--	4.22	2,946	17.23																																																																																																																																																																																																																																									
Heifer calves weaned	Head	66	--	--	--	--	Fuel and lubricants	Dol	--	--	--	4,462	26.09																																																																																																																																																																																																																																									
Sold as weaners	Head	33	--	--	--	--	Repairs	Dol	--	--	--	4,267	24.95																																																																																																																																																																																																																																									
Lost after weaning	Head	--	--	--	--	--	Taxes 8/	Dol	--	--	--	2,051	11.99																																																																																																																																																																																																																																									
Sold as yearlings	Head	6	--	--	--	--	Insurance	Dol	--	--	--	925	5.41																																																																																																																																																																																																																																									
Kept for herd replacement 2/	Head	27	--	--	--	--	Interest on operating capital 9/	Dol	16,979.0	--	0.15	2,513	14.70																																																																																																																																																																																																																																									
Bulls	Head	7	--	--	--	--	Total cash costs	Dol	--	--	--	39,849	233.04																																																																																																																																																																																																																																									
Sales:							Other costs:																																																																																																																																																																																																																																															
Steer calves	Head	59	431	65.67	16,699	--	Family labor 10/	Hrs	1,354.0	--	4.22	5,714	33.42																																																																																																																																																																																																																																									
Heifer calves	Head	33	412	54.60	7,423	--	Capital replacement 11/	Dol	--	--	--	10,162	59.43																																																																																																																																																																																																																																									
Yearling steers	Head	7	670	63.50	2,978	--	Interest on investment other than land 13/	Dol	--	--	--	19,558	114.37																																																																																																																																																																																																																																									
Yearling heifers	Head	6	633	56.56	2,148	--	Interest on land 13/	Dol	--	--	--	67,772	396.33																																																																																																																																																																																																																																									
Cull cows	Head	20	855	37.71	6,448	208.75	Total other costs	Dol	--	--	--	103,206	603.54																																																																																																																																																																																																																																									
Total sales	Head	--	--	--	35,696		Total all costs	Dol	--	--	--	143,055	836.58																																																																																																																																																																																																																																									
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																															
Federal grazing fees 3/	AM	667.0	--	1.86	1,241	7.26	Return above cash costs:	Dol	--	--	--	-4,153	-24.29																																																																																																																																																																																																																																									
Private pasture lease	AUM	78.2	--	9.29	726	4.25	Return above cash costs:	Dol	--	--	--	-9,867	-57.70																																																																																																																																																																																																																																									
Other pasture lease 4/	AUM	--	--	--	--	--	Return to total investment 14/	Dol	--	--	--	-20,029	-117.13																																																																																																																																																																																																																																									
State land lease	AUM	33.5	--	1.69	57	0.33	Return to land 15/	Dol	--	--	--	-39,587	-231.50																																																																																																																																																																																																																																									
Irrigated pasture	AUM	46.0	--	5.14	236	1.38																																																																																																																																																																																																																																																
Hay produced	Ton	118.1	--	40.71	4,808	28.12																																																																																																																																																																																																																																																
Hay purchased	Ton	29.5	--	62.00	1,829	10.70																																																																																																																																																																																																																																																
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td>Feed source:</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>National Forest 16/</td> <td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>47.0</td><td>105.0</td><td>105.0</td><td>111.0</td><td>8.0</td><td>--</td><td>--</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>42.0</td><td>42.0</td><td>41.0</td><td>39.0</td><td>--</td><td>15.0</td><td>4.0</td><td>4.0</td><td>4.0</td><td>30.0</td><td>25.0</td><td>45.0</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>--</td><td>--</td><td>--</td><td>8.0</td><td>15.2</td><td>14.3</td><td>9.5</td><td>9.6</td><td>7.9</td><td>13.7</td><td>--</td><td>--</td> </tr> <tr> <td>State land lease</td> <td>--</td><td>--</td><td>--</td><td>3.4</td><td>6.5</td><td>6.1</td><td>4.1</td><td>4.1</td><td>3.4</td><td>5.9</td><td>--</td><td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>--</td><td>--</td><td>--</td><td>96.7</td><td>185.0</td><td>174.1</td><td>115.4</td><td>116.2</td><td>95.6</td><td>--</td><td>--</td><td>--</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>--</td><td>--</td><td>--</td><td>5.7</td><td>10.9</td><td>10.2</td><td>6.8</td><td>6.8</td><td>5.6</td><td>--</td><td>--</td><td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>176.5</td><td>170.0</td><td>4.2</td> </tr> <tr> <td>Hay</td> <td>27.9</td><td>32.0</td><td>36.3</td><td>25.7</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>25.7</td> </tr> <tr> <td>Grain</td> <td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td> </tr> <tr> <td>Protein supplement</td> <td>12.0</td><td>12.0</td><td>12.0</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>11.9</td> </tr> <tr> <td>Marketing month:</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>Steer calves</td> <td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>59.0</td><td>--</td><td>--</td> </tr> <tr> <td>Heifer calves</td> <td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>33.0</td><td>--</td><td>--</td> </tr> <tr> <td>Yearling steers</td> <td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>7.0</td><td>--</td><td>--</td><td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>6.0</td><td>--</td><td>--</td><td>--</td> </tr> <tr> <td>Cull cows</td> <td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>20.0</td><td>--</td><td>--</td> </tr> </tbody> </table>														Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:													National Forest 16/	--	--	--	--	--	47.0	105.0	105.0	111.0	8.0	--	--	Bureau of Land Management 16/	42.0	42.0	41.0	39.0	--	15.0	4.0	4.0	4.0	30.0	25.0	45.0	Pasture rent/lease 17/	--	--	--	8.0	15.2	14.3	9.5	9.6	7.9	13.7	--	--	State land lease	--	--	--	3.4	6.5	6.1	4.1	4.1	3.4	5.9	--	--	Deeded rangeland 17/	--	--	--	96.7	185.0	174.1	115.4	116.2	95.6	--	--	--	Irrigated pasture 17/	--	--	--	5.7	10.9	10.2	6.8	6.8	5.6	--	--	--	Crop residue 17/	--	--	--	--	--	--	--	--	--	176.5	170.0	4.2	Hay	27.9	32.0	36.3	25.7	--	--	--	--	--	--	--	25.7	Grain	--	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	12.0	12.0	12.0	--	--	--	--	--	--	--	--	11.9	Marketing month:													Steer calves	--	--	--	--	--	--	--	--	--	59.0	--	--	Heifer calves	--	--	--	--	--	--	--	--	--	33.0	--	--	Yearling steers	--	--	--	--	--	--	--	--	7.0	--	--	--	Yearling heifers	--	--	--	--	--	--	--	--	6.0	--	--	--	Cull cows	--	--	--	--	--	--	--	--	--	20.0	--	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																										
Feed source:																																																																																																																																																																																																																																																						
National Forest 16/	--	--	--	--	--	47.0	105.0	105.0	111.0	8.0	--	--																																																																																																																																																																																																																																										
Bureau of Land Management 16/	42.0	42.0	41.0	39.0	--	15.0	4.0	4.0	4.0	30.0	25.0	45.0																																																																																																																																																																																																																																										
Pasture rent/lease 17/	--	--	--	8.0	15.2	14.3	9.5	9.6	7.9	13.7	--	--																																																																																																																																																																																																																																										
State land lease	--	--	--	3.4	6.5	6.1	4.1	4.1	3.4	5.9	--	--																																																																																																																																																																																																																																										
Deeded rangeland 17/	--	--	--	96.7	185.0	174.1	115.4	116.2	95.6	--	--	--																																																																																																																																																																																																																																										
Irrigated pasture 17/	--	--	--	5.7	10.9	10.2	6.8	6.8	5.6	--	--	--																																																																																																																																																																																																																																										
Crop residue 17/	--	--	--	--	--	--	--	--	--	176.5	170.0	4.2																																																																																																																																																																																																																																										
Hay	27.9	32.0	36.3	25.7	--	--	--	--	--	--	--	25.7																																																																																																																																																																																																																																										
Grain	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																										
Protein supplement	12.0	12.0	12.0	--	--	--	--	--	--	--	--	11.9																																																																																																																																																																																																																																										
Marketing month:																																																																																																																																																																																																																																																						
Steer calves	--	--	--	--	--	--	--	--	--	59.0	--	--																																																																																																																																																																																																																																										
Heifer calves	--	--	--	--	--	--	--	--	--	33.0	--	--																																																																																																																																																																																																																																										
Yearling steers	--	--	--	--	--	--	--	--	7.0	--	--	--																																																																																																																																																																																																																																										
Yearling heifers	--	--	--	--	--	--	--	--	6.0	--	--	--																																																																																																																																																																																																																																										
Cull cows	--	--	--	--	--	--	--	--	--	20.0	--	--																																																																																																																																																																																																																																										

Table 146--Beef cow enterprises with 400 or more cows, Manti-Lasal National Forest, Southeastern Utah, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																													
Production:							Cash costs--Continued																																																																																																																																																																																																																																																			
Bred cows 1/	Head	820					Protein supplement 5/	Ton	95.6		199.00	19,024	23.20																																																																																																																																																																																																																																													
Annual cow loss	Head	25					Grain	Bu																																																																																																																																																																																																																																																		
Cows culled	Head	114					Miscellaneous	Ton																																																																																																																																																																																																																																																		
Calves born alive	Head	681					Salt and mineral	Cwt	287.0		4.85	1,392	1.70																																																																																																																																																																																																																																													
Calves lost birth to weaning	Head	54					Veterinary & medicine	Dol				1,592	1.94																																																																																																																																																																																																																																													
Steer calves weaned	Head	313					Hired trucking	Dol				1,842	2.24																																																																																																																																																																																																																																													
Sold as weaners	Head	254					Marketing 6/	Dol				2,130	2.60																																																																																																																																																																																																																																													
Lost after weaning	Head	1					General overhead 7/	Dol				7,719	9.41																																																																																																																																																																																																																																													
Sold as yearlings	Head	58					Hired labor	Hrs	5,374.0		4.22	22,678	27.66																																																																																																																																																																																																																																													
Heifer calves weaned	Head	314					Fuel and lubricants	Dol				10,868	13.25																																																																																																																																																																																																																																													
Sold as weaners	Head	132					Repairs	Dol				15,018	18.31																																																																																																																																																																																																																																													
Lost after weaning	Head	3					Taxes 8/	Dol				9,156	11.17																																																																																																																																																																																																																																													
Sold as yearlings	Head	40					Insurance	Dol				4,317	5.26																																																																																																																																																																																																																																													
Kept for herd replacement 2/	Head	139					Interest on operating capital 9/	Dol	58,654.5		0.15	8,681	10.59																																																																																																																																																																																																																																													
Bulls	Head	41					Total cash costs	Dol				142,945	174.32																																																																																																																																																																																																																																													
Sales:							Other costs:																																																																																																																																																																																																																																																			
Steer calves	Head	254	415	65.67	69,223		Family labor 10/	Hrs	2,416.0		4.22	10,196	12.43																																																																																																																																																																																																																																													
Heifer calves	Head	132	388	56.00	28,681		Capital replacement 11/	Dol				52,005	63.42																																																																																																																																																																																																																																													
Yearling steers	Head	58	655	63.50	24,124		Interest on investment other than land 13/	Dol				88,547	107.98																																																																																																																																																																																																																																													
Yearling heifers	Head	40	633	56.56	14,321		Interest on land 13/	Dol				323,992	395.11																																																																																																																																																																																																																																													
Cull cows	Head	114	855	37.71	36,756		Total other costs	Dol				474,740	578.95																																																																																																																																																																																																																																													
Total sales	Head	--	--	--	173,105	211.10	Total all costs	Dol				617,685	753.27																																																																																																																																																																																																																																													
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																			
Federal grazing fees 3/	AM	5,998.0		1.86	11,156	13.60	Return above cash costs and family labor	Dol				30,160	36.78																																																																																																																																																																																																																																													
Private pasture lease	AUM	386.7		9.29	3,592	4.38	Return to total investment 14/	Dol				-32,041	-39.07																																																																																																																																																																																																																																													
Other pasture lease 4/	AUM	--		--	--	--	Return to land 15/	Dol				-120,588	-147.06																																																																																																																																																																																																																																													
State land lease	AUM	165.7		1.69	280	0.34																																																																																																																																																																																																																																																				
Irrigated pasture	AUM	236.2		5.14	1,214	1.48																																																																																																																																																																																																																																																				
Hay produced	Ton	396.5		40.71	16,142	19.69																																																																																																																																																																																																																																																				
Hay purchased	Ton	99.1		62.00	6,144	7.49																																																																																																																																																																																																																																																				
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td colspan="14">Feed source:</td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>34.0</td> <td>270.0</td> <td>441.0</td> <td>443.0</td> <td>421.0</td> <td>209.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>574.0</td> <td>574.0</td> <td>538.0</td> <td>541.0</td> <td>530.0</td> <td>144.0</td> <td>--</td> <td>--</td> <td>140.0</td> <td>565.0</td> <td>574.0</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>11.3</td> <td>40.5</td> <td>67.7</td> <td>70.4</td> <td>72.0</td> <td>68.8</td> <td>56.0</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>4.8</td> <td>17.3</td> <td>29.0</td> <td>30.2</td> <td>30.9</td> <td>29.5</td> <td>24.0</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>136.7</td> <td>491.4</td> <td>821.7</td> <td>855.0</td> <td>876.2</td> <td>835.5</td> <td>--</td> <td>--</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>8.0</td> <td>28.9</td> <td>48.3</td> <td>50.3</td> <td>51.5</td> <td>49.2</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>719.8</td> <td>402.1</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>84.2</td> <td>95.6</td> <td>115.8</td> <td>115.8</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>84.2</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>23.9</td> <td>23.9</td> <td>23.9</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>23.9</td> </tr> <tr> <td colspan="14">Marketing month:</td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>254.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>132.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>58.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>40.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>114.0</td> <td>--</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:														National Forest 16/	AM	--	--	--	--	34.0	270.0	441.0	443.0	421.0	209.0	--	--	Bureau of Land Management 16/	AM	574.0	574.0	538.0	541.0	530.0	144.0	--	--	140.0	565.0	574.0	Pasture rent/lease 17/	AUM	--	--	--	11.3	40.5	67.7	70.4	72.0	68.8	56.0	--	State land lease	AUM	--	--	--	4.8	17.3	29.0	30.2	30.9	29.5	24.0	--	Deeded rangeland 17/	AUM	--	--	--	136.7	491.4	821.7	855.0	876.2	835.5	--	--	Irrigated pasture 17/	AUM	--	--	--	8.0	28.9	48.3	50.3	51.5	49.2	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	719.8	402.1	Hay	Ton	84.2	95.6	115.8	115.8	--	--	--	--	--	--	84.2	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	23.9	23.9	23.9	--	--	--	--	--	--	--	23.9	Marketing month:														Steer calves	Head	--	--	--	--	--	--	--	--	254.0	--	--	Heifer calves	Head	--	--	--	--	--	--	--	--	132.0	--	--	Yearling steers	Head	--	--	--	--	--	--	--	58.0	--	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	40.0	--	--	--	Cull cows	Head	--	--	--	--	--	--	--	--	114.0	--	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																														
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National Forest 16/	AM	--	--	--	--	34.0	270.0	441.0	443.0	421.0	209.0	--	--																																																																																																																																																																																																																																													
Bureau of Land Management 16/	AM	574.0	574.0	538.0	541.0	530.0	144.0	--	--	140.0	565.0	574.0																																																																																																																																																																																																																																														
Pasture rent/lease 17/	AUM	--	--	--	11.3	40.5	67.7	70.4	72.0	68.8	56.0	--																																																																																																																																																																																																																																														
State land lease	AUM	--	--	--	4.8	17.3	29.0	30.2	30.9	29.5	24.0	--																																																																																																																																																																																																																																														
Deeded rangeland 17/	AUM	--	--	--	136.7	491.4	821.7	855.0	876.2	835.5	--	--																																																																																																																																																																																																																																														
Irrigated pasture 17/	AUM	--	--	--	8.0	28.9	48.3	50.3	51.5	49.2	--	--																																																																																																																																																																																																																																														
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	719.8	402.1																																																																																																																																																																																																																																														
Hay	Ton	84.2	95.6	115.8	115.8	--	--	--	--	--	--	84.2																																																																																																																																																																																																																																														
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																														
Protein supplement	Ton	23.9	23.9	23.9	--	--	--	--	--	--	--	23.9																																																																																																																																																																																																																																														
Marketing month:																																																																																																																																																																																																																																																										
Steer calves	Head	--	--	--	--	--	--	--	--	254.0	--	--																																																																																																																																																																																																																																														
Heifer calves	Head	--	--	--	--	--	--	--	--	132.0	--	--																																																																																																																																																																																																																																														
Yearling steers	Head	--	--	--	--	--	--	--	58.0	--	--	--																																																																																																																																																																																																																																														
Yearling heifers	Head	--	--	--	--	--	--	--	40.0	--	--	--																																																																																																																																																																																																																																														
Cull cows	Head	--	--	--	--	--	--	--	--	114.0	--	--																																																																																																																																																																																																																																														

Table 147--Beef cow enterprises of up to 199 cows, Payette National Forest, Southern Idaho Partnership, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow					
Production:							Cash costs--Continued											
Bred cows 1/	Head	90	--	--	--	--	Protein supplement 5/	Ton	--	--	--	--	--					
Annual cow loss	Head	3	--	--	--	--	Grain	Bu	--	--	--	--	--					
Cows culled	Head	3	--	--	--	--	Other feed	Ton	--	--	--	--	--					
Calves born alive	Head	85	--	--	--	--	Salt and mineral	Cwt	31.5	--	4.33	136	1.51					
Calves lost birth to weaning	Head	5	--	--	--	--	Veterinary & medicine	Dol	--	--	--	814	9.04					
Steer calves weaned	Head	40	--	--	--	--	Hired trucking	Dol	--	--	--	154	1.82					
Sold as weaners	Head	10	--	--	--	--	Marketing 6/	Dol	--	--	--	503	5.59					
Lost after weaning	Head	1	--	--	--	--	General overhead 7/	Dol	--	--	--	1,549	17.21					
Sold as yearlings	Head	29	--	--	--	--	Hired labor	Hrs	178.0	--	4.17	742	8.24					
Heifer calves weaned	Head	40	--	--	--	--	Fuel and lubricants	Dol	--	--	--	1,704	18.95					
Sold as weaners	Head	6	--	--	--	--	Repairs	Dol	--	--	--	1,326	14.73					
Lost after weaning	Head	--	--	--	--	--	Taxes 8/	Dol	--	--	--	991	11.01					
Sold as yearlings	Head	28	--	--	--	--	Insurance	Dol	--	--	--	489	5.43					
Kept for herd replacement 2/	Head	6	--	--	--	--	Interest on operating capital 9/	Dol	6,537.7	--	0.15	968	10.76					
Bulls	Head	6	--	--	--	--	Total cash costs	Dol	--	--	--	17,312	192.36					
Sales:							Other costs:											
Steer calves	Head	10	440	65.67	2,889	--	Family labor 10/	Hrs	1,800.0	--	4.17	7,506	83.40					
Heifer calves	Head	6	416	54.60	1,363	--	Capital replacement 11/	Dol	--	--	--	4,251	47.23					
Yearling steers	Head	29	600	62.50	10,875	--	Interest on investment other than land 13/	Dol	--	--	--	9,726	108.07					
Yearling heifers	Head	28	540	54.87	8,296	--	Interest on land 13/	Dol	--	--	--	39,874	443.01					
Cull cows	Head	3	1,000	35.05	1,052	--	Total other costs	Dol	--	--	--	61,357	681.74					
Total sales	Head	--	--	--	24,475	271.94	Total all costs	Dol	--	--	--	78,669	874.10					
Cash costs:							Return above cash costs:											
Federal grazing fees 3/	AM	349.0	--	1.86	649	7.21	Return above cash costs and family labor	Dol	--	--	--	7,163	79.59					
Private pasture lease	AM	--	--	--	--	--	Return to total investment 14/	Dol	--	--	--	-343	-3.81					
Other pasture lease 4/	AM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-4,594	-51.04					
State land lease	AM	170.1	--	4.72	803	8.92						-14,320	-159.11					
Irrigated pasture	AM	--	--	--	--	--												
Hay produced	Ton	197.5	--	32.78	6,474	71.93												
Hay purchased	Ton	--	--	--	--	--												
							Feed source:											
							Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
National Forest 16/	AM	--	--	--	--	--	--	--	--	--	45.0	54.0	54.0	54.0	42.0	--	--	
Bureau of Land Management 16/	AM	--	--	--	24.0	29.0	15.0	5.0	4.0	3.0	10.0	10.0	10.0	10.0	10.0	10.0	--	
Pasture rent/lease 17/	AM	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
State land lease	AM	--	--	--	11.3	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.6	--	
Deeded rangeland 17/	AM	--	--	--	--	110.2	75.8	83.2	87.7	88.3	41.1	72.4	--	--	--	--	--	
Irrigated pasture 17/	AM	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Crop residue 17/	AM	--	--	--	--	--	--	--	--	--	--	--	--	--	--	19.0	--	
Hay	Ton	38.1	41.7	44.4	35.2	--	--	--	--	--	--	--	--	--	--	--	38.1	
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Marketing month:																		
Steer calves	Head	--	--	--	--	--	--	--	--	--	--	10	--	--	--	--	--	
Heifer calves	Head	--	--	--	--	--	--	--	--	--	--	6	--	--	--	--	--	
Yearling steers	Head	--	--	29	--	--	--	--	--	--	--	--	--	--	--	--	--	
Yearling heifers	Head	--	--	15	--	--	--	--	--	--	--	--	--	--	13	--	--	
Cull cows	Head	--	--	--	--	--	--	--	--	--	--	--	--	--	3	--	--	

Table 148--Beef cow enterprises with 200-499 cows, Payette National Forest, Southern Idaho Panhandle, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																												
Production:							Cash costs--Continued																																																																																																																																																																																																																																																		
Bred cows <u>1/</u>	Head	273					Protein supplement <u>5/</u>	Ton																																																																																																																																																																																																																																																	
Annual cow loss	Head	8					Grain	Bu																																																																																																																																																																																																																																																	
Cows culled	Head	42					Miscellaneous	Ton																																																																																																																																																																																																																																																	
Calves born alive	Head	254					Salt and mineral	Cwt	95.6		4.33	414	1.52																																																																																																																																																																																																																																												
Calves lost birth to weaning	Head	15					Veterinary & medicine	Dol				2,971	10.88																																																																																																																																																																																																																																												
Steer calves weaned	Head	119					Hired trucking	Dol				467	1.71																																																																																																																																																																																																																																												
Sold as weaners	Head	30					Marketing <u>6/</u>	Dol				1,443	5.29																																																																																																																																																																																																																																												
Lost after weaning	Head	2					General overhead <u>7/</u>	Dol				3,400	12.45																																																																																																																																																																																																																																												
Sold as yearlings	Head	87					Hired labor	Hrs	1,190.0		4.17	4,962	18.18																																																																																																																																																																																																																																												
Heifer calves weaned	Head	120					Fuel and lubricants	Dol				3,821	14.00																																																																																																																																																																																																																																												
Sold as weaners	Head	16					Repairs	Dol				3,848	14.10																																																																																																																																																																																																																																												
Lost after weaning	Head	2					Taxes <u>8/</u>	Dol				3,226	11.82																																																																																																																																																																																																																																												
Sold as yearlings	Head	52					Insurance	Dol				1,329	4.87																																																																																																																																																																																																																																												
Kept for herd replacement <u>2/</u>	Head	50					Interest on operating capital <u>9/</u>	Dol	22,386.0		0.15	3,358	12.30																																																																																																																																																																																																																																												
Bulls	Head	18					Total cash costs	Dol				55,083	201.77																																																																																																																																																																																																																																												
Sales:							Other costs:																																																																																																																																																																																																																																																		
Steer calves	Head	30	440	65.67	8,668		Family labor <u>10/</u>	Hrs	3,784.0		4.17	15,779	57.80																																																																																																																																																																																																																																												
Heifer calves	Head	16	416	54.60	3,634		Capital replacement <u>11/</u>	Dol				10,930	40.04																																																																																																																																																																																																																																												
Yearling steers	Head	87	600	62.50	32,625		Interest on investment other than land <u>13/</u>	Dol				27,434	100.49																																																																																																																																																																																																																																												
Yearling heifers	Head	52	540	54.87	15,407		Interest on land <u>13/</u>	Dol				142,481	521.91																																																																																																																																																																																																																																												
Cull cows	Head	42	1,000	35.05	14,721		Total other costs	Dol				196,624	720.23																																																																																																																																																																																																																																												
Total sales	Head				75,055	274.93	Total all costs	Dol				251,707	922.00																																																																																																																																																																																																																																												
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																		
Federal grazing fees <u>3/</u>	AM	1,023.0		1.86	1,903	6.97	Return above cash costs and family labor	Dol				4,193	15.36																																																																																																																																																																																																																																												
Private pasture lease	AUM	217.0		7.98	1,732	6.34	Return to total investment <u>14/</u>	Dol				-6,737	-24.68																																																																																																																																																																																																																																												
Other pasture lease <u>4/</u>	AUM						Return to land <u>15/</u>	Dol				-34,171	-125.17																																																																																																																																																																																																																																												
State land lease	AUM	293.0		4.72	1,383	5.07																																																																																																																																																																																																																																																			
Irrigated pasture	AUM																																																																																																																																																																																																																																																								
Hay produced	Ton	242.3		32.78	7,943	29.10																																																																																																																																																																																																																																																			
Hay purchased	Ton	242.3		53.17	12,883	47.19																																																																																																																																																																																																																																																			
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td colspan="14">Feed source:</td> </tr> <tr> <td>National Forest <u>16/</u></td> <td>AM</td> <td></td> <td></td> <td></td> <td>30.0</td> <td>95.0</td> <td>168.0</td> <td>172.0</td> <td>122.0</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Bureau of Land Management <u>16/</u></td> <td>AM</td> <td></td> <td></td> <td></td> <td>91.0</td> <td>110.0</td> <td>65.0</td> <td>25.0</td> <td>22.0</td> <td>39.0</td> <td>49.0</td> <td>18.0</td> </tr> <tr> <td>Pasture rent/lease <u>17/</u></td> <td>AUM</td> <td></td> <td></td> <td></td> <td>35.0</td> <td>29.0</td> <td>29.0</td> <td>32.0</td> <td>27.0</td> <td>34.0</td> <td>31.0</td> <td></td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td></td> <td></td> <td></td> <td>20.0</td> <td>39.0</td> <td>39.0</td> <td>39.0</td> <td>39.0</td> <td>39.0</td> <td>39.0</td> <td></td> </tr> <tr> <td>Deeded rangeland <u>17/</u></td> <td>AUM</td> <td></td> <td></td> <td></td> <td>310.6</td> <td>263.8</td> <td>259.2</td> <td>288.7</td> <td>241.1</td> <td>308.2</td> <td>282.3</td> <td></td> </tr> <tr> <td>Irrigated pasture <u>17/</u></td> <td>AUM</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Crop residue <u>17/</u></td> <td>AUM</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>285.0</td> <td></td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>114.6</td> <td>126.0</td> <td>134.4</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>109.6</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="14">Marketing month:</td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>30.0</td> <td></td> <td></td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>16.0</td> <td></td> <td></td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td></td> <td></td> <td>87.0</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td></td> <td></td> <td>41.0</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>11.0</td> <td></td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>42.0</td> <td></td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:														National Forest <u>16/</u>	AM				30.0	95.0	168.0	172.0	122.0				Bureau of Land Management <u>16/</u>	AM				91.0	110.0	65.0	25.0	22.0	39.0	49.0	18.0	Pasture rent/lease <u>17/</u>	AUM				35.0	29.0	29.0	32.0	27.0	34.0	31.0		State land lease	AUM				20.0	39.0	39.0	39.0	39.0	39.0	39.0		Deeded rangeland <u>17/</u>	AUM				310.6	263.8	259.2	288.7	241.1	308.2	282.3		Irrigated pasture <u>17/</u>	AUM												Crop residue <u>17/</u>	AUM										285.0		Hay	Ton	114.6	126.0	134.4								109.6	Grain	Bu												Protein supplement	Ton												Marketing month:														Steer calves	Head									30.0			Heifer calves	Head									16.0			Yearling steers	Head			87.0									Yearling heifers	Head			41.0							11.0		Cull cows	Head										42.0	
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Table 150--Beef cow enterprises with up to 99 cows, Salmon National Forest, North-Central Idaho, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow
Production:							::Cash costs--Continued						
Bred cows 1/	Head	59	--	--	--	--	Protein supplement 5/	Ton	--	--	--	--	--
Annual cow loss	Head	3	--	--	--	--	Grain	Bu	--	--	--	--	--
Cows culled	Head	9	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--
Calves born alive	Head	53	--	--	--	--	Salt and mineral	Cwt	20.7	--	4.33	90	1.53
Calves lost birth to weaning	Head	5	--	--	--	--	Veterinary & medicine	Dol	--	--	--	534	9.05
Steer calves weaned	Head	24	--	--	--	--	Hired trucking	Dol	--	--	--	107	1.81
Sold as weaners	Head	24	--	--	--	--	Marketing 6/	Dol	--	--	--	330	5.59
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	Dol	--	--	--	1,016	17.22
Sold as yearlings	Head	--	--	--	--	--	Hired labor	Hrs	168.1	--	4.17	701	11.88
Heifer calves weaned	Head	24	--	--	--	--	Fuel and lubricants	Dol	--	--	--	1,153	19.54
Sold as weaners	Head	9	--	--	--	--	Repairs	Dol	--	--	--	923	15.64
Lost after weaning	Head	--	--	--	--	--	Taxes 8/	Dol	--	--	--	763	12.93
Sold as yearlings	Head	3	--	--	--	--	Insurance	Dol	--	--	--	294	4.98
Kept for herd replacement 2/	Head	12	--	--	--	--	Interest on operating capital 9/	Dol	4,713.9	--	0.15	698	11.83
Bulls	Head	2	--	--	--	--	Total cash costs	Dol	--	--	--	12,214	207.02
Sales:							::Other costs:						
Steer calves	Head	24	450	65.67	7,092	--	Family labor 10/	Hrs	885.0	--	4.17	3,690	62.54
Heifer calves	Head	9	400	54.60	1,966	--	Capital replacement 11/	Dol	--	--	--	2,600	44.07
Yearling steers	Head	--	--	--	--	--	Interest on investment other than land 13/	Dol	--	--	--	6,155	104.32
Yearling heifers	Head	3	695	53.95	1,125	--	Interest on land 13/	Dol	--	--	--	32,112	544.27
Cull cows	Head	9	975	37.71	3,309	--	Total other costs	Dol	--	--	--	44,557	755.20
Total sales	Head	--	--	--	13,492	228.68	Total all costs	Dol	--	--	--	56,771	962.22
Cash costs:							::Return above cash costs:						
Federal grazing fees 3/	AM	218.0	--	1.86	405	6.86	Return above cash costs:	Dol	--	--	--	1,278	21.66
Private pasture lease	AUM	40.0	--	7.98	319	5.41	Return above cash costs:	Dol	--	--	--	-2,412	-40.88
Other pasture lease 4/	AUM	--	--	--	--	--	Return to total investment 14/	Dol	--	--	--	-5,012	-84.95
State land lease	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-11,167	-189.27
Irrigated pasture	AUM	37.0	--	4.51	167	2.83							
Hay produced	Ton	122.1	--	32.78	4,002	67.83							
Hay purchased	Ton	13.4	--	53.17	712	12.07							
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Feed source:													
National Forest 16/	AM	--	--	--	--	4.0	26.0	32.0	32.0	21.0	7.0	--	--
Bureau of Land Management 16/	AM	--	--	--	--	36.0	22.0	11.0	9.0	9.0	9.0	--	--
Pasture rent/lease 17/	AUM	--	--	--	--	--	4.0	8.0	6.0	8.0	11.0	3.0	--
State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--	--
Deeded rangeland 17/	AUM	--	--	--	--	--	17.9	21.2	26.1	32.0	46.1	12.5	--
Irrigated pasture 17/	AUM	--	--	--	--	--	8.0	9.0	10.0	10.0	--	--	--
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	5.0	12.0	18.0	--
Hay	Ton	20.1	22.2	24.4	26.1	11.5	--	--	--	--	--	11.1	20.1
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--
Protein supplement	Ton	6.9	6.9	6.9	6.9	--	--	--	--	--	--	--	--
Marketing month:													
Steer calves	Head	--	--	--	--	--	--	--	--	--	--	24.0	--
Heifer calves	Head	--	--	--	--	--	--	--	--	--	--	9.0	--
Yearling steers	Head	--	--	--	--	--	--	--	--	--	--	--	--
Yearling heifers	Head	--	--	--	--	--	--	--	--	--	--	3.0	--
Cull cows	Head	--	--	--	--	--	--	--	--	--	--	9.0	--

Table 151--Beef cow enterprises of 100-399 cows, Salmon National Forest, North-Central Idaho, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow
Production:							::Cash costs--Continued						
Bred cows 1/	Head	185	--	--	--	--	Protein supplement 5/	Ton	--	--	--	--	--
Annual cow loss	Head	9	--	--	--	--	Grain	Bu	--	--	--	--	--
Cows culled	Head	28	--	--	--	--	Other feed	Ton	--	--	--	--	--
Calves born alive	Head	167	--	--	--	--	Salt and mineral	Cwt	64.8	--	4.33	281	1.52
Calves lost birth to weaning	Head	17	--	--	--	--	Veterinary & medicine	Dol	--	--	--	2,014	10.89
Steer calves weaned	Head	75	--	--	--	--	Hired trucking	Dol	--	--	--	316	1.71
Sold as weaners	Head	75	--	--	--	--	Marketing 6/	Dol	--	--	--	979	5.29
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	Dol	--	--	--	1,026	5.55
Sold as yearlings	Head	--	--	--	--	--	Hired labor	Hrs	807.0	--	4.17	3,365	18.19
Heifer calves weaned	Head	75	--	--	--	--	Fuel and lubricants	Dol	--	--	--	3,350	18.00
Sold as weaners	Head	29	--	--	--	--	Repairs	Dol	--	--	--	2,877	15.55
Lost after weaning	Head	1	--	--	--	--	Taxes 8/	Dol	--	--	--	2,314	12.51
Sold as yearlings	Head	8	--	--	--	--	Insurance	Dol	--	--	--	898	4.85
Kept for herd replacement 2/	Head	37	--	--	--	--	Interest on operating capital 9/	Dol	15,334.7	--	0.15	2,270	12.27
Bulls	Head	7	--	--	--	--	Total cash costs	Dol	--	--	--	37,107	200.58
Sales:							::Other costs:						
Steer calves	Head	75	450	65.67	22,164	--	Family labor 10/	Hrs	2,564.0	--	4.17	10,692	57.79
Heifer calves	Head	29	400	54.60	6,334	--	Capital replacement 11/	Dol	--	--	--	7,855	42.46
Yearling steers	Head	--	--	--	--	--	Interest on investment other than land 13/	Dol	--	--	--	19,058	103.02
Yearling heifers	Head	8	695	53.95	3,000	--	Interest on land 13/	Dol	--	--	--	97,258	525.72
Cull cows	Head	28	975	37.71	10,295	--	Total other costs	Dol	--	--	--	134,863	728.99
Total sales	Head	--	--	--	41,793	225.90	Total all costs	Dol	--	--	--	171,970	929.57
Cash costs:							::Return above cash costs:						
Federal grazing fees 3/	AM	698.0	--	1.86	1,298	7.02	Return above cash costs:	Dol	--	--	--	4,686	25.32
Private pasture lease	AM	87.0	--	7.98	694	3.75	Return above cash costs:	Dol	--	--	--	-6,006	-32.46
Other pasture lease 4/	AM	--	--	--	--	--	Return to total investment 14/	Dol	--	--	--	-13,861	-71.92
State land lease	AM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-32,919	-177.94
Irrigated pasture	AM	135.0	--	4.51	609	3.29							
Hay produced	Ton	383.5	--	32.78	12,571	67.95							
Hay purchased	Ton	42.6	--	53.17	2,265	12.24							
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Feed source:													
National Forest 16/	AM	--	--	--	--	--	53.0	107.0	108.0	102.0	23.0	--	--
Bureau of Land Management 16/	AM	--	--	--	--	--	107.0	85.0	43.0	37.0	24.0	9.0	--
Pasture rent/Lease 17/	AUM	--	--	--	--	25.0	11.0	--	13.0	9.0	29.0	--	--
State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--	--
Deeded rangeland 17/	AUM	--	--	--	--	98.0	42.3	6.5	53.4	37.0	114.7	--	--
Irrigated pasture 17/	AUM	--	--	--	--	22.0	24.0	28.0	30.0	31.0	--	--	--
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	32.0	75.0	100.0	--
Hay	Ton	63.3	69.7	75.1	81.1	43.6	--	--	--	--	--	30.0	63.3
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--
Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--	--
Marketing month:													
Steer calves	Head	--	--	--	--	--	--	--	--	--	75	--	--
Heifer calves	Head	--	--	--	--	--	--	--	--	--	29	--	--
Yearling steers	Head	--	--	--	--	--	--	--	--	--	--	--	--
Yearling heifers	Head	--	--	--	--	--	--	--	--	--	8	--	--
Cull cows	Head	--	--	--	--	--	--	--	--	--	28	--	--

Table 155--Beef cow enterprises with 500 or more cows, Sawtooth National Forest, North-Central Idaho, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow
Production:							Cash costs--Continued						
Bred cows 1/	Head	910	--	--	--	--	Protein supplement 5/	Ton	--	--	--	--	--
Annual cow loss	Head	36	--	--	--	--	Grain	Bu	--	--	--	--	--
Cows culled	Head	110	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--
Calves born alive	Head	746	--	--	--	--	Salt and mineral	Cwt	318.5	--	4.33	1,379	1.52
Calves lost birth to weaning	Head	52	--	--	--	--	Veterinary & medicine	Dol	--	--	--	6,263	6.88
Steer calves weaned	Head	347	--	--	--	--	Hired trucking	Dol	--	--	--	2,595	2.85
Sold as weaners	Head	231	--	--	--	--	Marketing 6/	Dol	--	--	--	2,351	2.58
Lost after weaning	Head	2	--	--	--	--	General overhead 7/	Dol	--	--	--	12,940	14.22
Sold as yearlings	Head	114	--	--	--	--	Hired labor	Hrs	5,132.0	--	4.17	21,400	23.52
Heifer calves weaned	Head	347	--	--	--	--	Fuel and lubricants	Dol	--	--	--	18,521	20.35
Sold as weaners	Head	141	--	--	--	--	Repairs	Dol	--	--	--	13,786	15.15
Lost after weaning	Head	4	--	--	--	--	Taxes 8/	Dol	--	--	--	9,647	10.60
Sold as yearlings	Head	56	--	--	--	--	Insurance	Dol	--	--	--	4,314	4.74
Kept for herd replacement 2/	Head	146	--	--	--	--	Interest on operating capital 9/	Dol	74,188.7	--	0.15	10,980	12.07
Bulls	Head	46	--	--	--	--	Total cash costs	Dol	--	--	--	173,020	190.13
Sales:							Other costs:						
Steer calves	Head	231	425	65.67	64,472	--	Family labor 10/	Hrs	3,294.0	--	4.17	13,736	15.09
Heifer calves	Head	141	410	54.60	31,564	--	Capital replacement 11/	Dol	--	--	--	33,368	36.67
Yearling steers	Head	114	638	63.00	45,821	--	Interest on investment other than land 13/	Dol	--	--	--	87,251	95.88
Yearling heifers	Head	56	600	55.44	18,628	--	Interest on land 13/	Dol	--	--	--	410,278	450.85
Cull cows	Head	110	980	35.05	37,784	--	Total other costs	Dol	--	--	--	544,633	598.50
Total sales	Head	--	--	--	198,269	217.88	Total all costs	Dol	--	--	--	717,653	788.63
Cash costs:							Return above cash costs:						
Federal grazing fees 3/	AM	3,230.0	--	1.86	6,008	6.60	Return above cash costs and family labor	Dol	--	--	--	11,513	12.65
Private pasture lease	AUM	668.5	--	7.98	5,335	5.86	Return to total investment 14/	Dol	--	--	--	-21,855	-24.02
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-109,106	-119.90
State land lease	AUM	--	--	--	--	--							
Irrigated pasture	AUM	248.9	--	4.51	1,123	1.23							
Hay produced	Ton	1,223.7	--	32.78	40,113	44.08							
Hay purchased	Ton	305.9	--	53.17	16,265	17.87							
Feed source:													
National Forest 16/	AM	16.0	16.0	16.0	16.0	62.0	264.0	310.0	336.0	327.0	121.0	16.0	16.0
Bureau of Land Management 16/	AM	20.0	--	40.0	180.0	292.0	255.0	192.0	195.0	193.0	175.0	92.0	80.0
Pasture rent/lease 17/	AUM	44.5	48.8	52.4	56.7	61.0	65.3	66.6	67.2	64.2	53.3	43.9	44.6
State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--	--
Deeded rangeland 17/	AUM	2.1	123.2	161.0	76.1	983.1	734.5	789.1	761.9	835.5	783.4	868.2	--
Irrigated pasture 17/	AUM	--	--	--	--	--	81.6	83.3	84.0	--	--	--	--
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	93.2	76.8	--
Hay	Ton	309.4	309.4	309.4	309.4	--	--	--	--	--	--	--	292.0
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--
Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--	--
Marketing month:													
Steer calves	Head	--	--	--	--	--	--	--	--	--	231.0	--	--
Heifer calves	Head	--	--	--	--	--	--	--	--	--	141.0	--	--
Yearling steers	Head	--	--	--	--	--	--	--	114.0	--	--	--	--
Yearling heifers	Head	--	--	--	--	--	--	--	56.0	--	--	--	--
Cull cows	Head	--	--	--	--	--	--	--	--	--	--	110.0	--

Table 156--Beef cow enterprises with up to 99 cows, Targhee National Forest, Northeast Idaho, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																												
Production:							Cash costs--Continued																																																																																																																																																																																																																																																		
Bred cows 1/	Head	49	--	--	--	--	Protein supplement 5/	Ton	--	--	--	--	--																																																																																																																																																																																																																																												
Annual cow loss	Head	2	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																												
Cows culled	Head	6	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--																																																																																																																																																																																																																																												
Calves born alive	Head	46	--	--	--	--	Salt and mineral	Cwt	17.2	--	4.33	74	1.51																																																																																																																																																																																																																																												
Calves lost birth to weaning	Head	5	--	--	--	--	Veterinary & medicine	Dol	--	--	--	443	9.04																																																																																																																																																																																																																																												
Steer calves weaned	Head	20	--	--	--	--	Hired trucking	Dol	--	--	--	90	1.84																																																																																																																																																																																																																																												
Sold as weaners	Head	13	--	--	--	--	Marketing 6/	Dol	--	--	--	274	5.59																																																																																																																																																																																																																																												
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	Dol	--	--	--	683	13.94																																																																																																																																																																																																																																												
Sold as yearlings	Head	7	--	--	--	--	Hired labor	Hrs	97.0	--	4.17	404	8.24																																																																																																																																																																																																																																												
Heifer calves weaned	Head	21	--	--	--	--	Fuel and lubricants	Dol	--	--	--	1,177	24.02																																																																																																																																																																																																																																												
Sold as weaners	Head	6	--	--	--	--	Repairs	Dol	--	--	--	1,240	25.31																																																																																																																																																																																																																																												
Lost after weaning	Head	--	--	--	--	--	Taxes 8/	Dol	--	--	--	779	15.90																																																																																																																																																																																																																																												
Sold as yearlings	Head	7	--	--	--	--	Insurance	Dol	--	--	--	276	5.63																																																																																																																																																																																																																																												
Kept for herd replacement 2/	Head	8	--	--	--	--	Interest on operating capital 9/	Dol	7,527.2	--	0.15	1,114	22.73																																																																																																																																																																																																																																												
Bulls	Head	2	--	--	--	--	Total cash costs	Dol	--	--	--	10,632	216.98																																																																																																																																																																																																																																												
Sales:							Other costs:																																																																																																																																																																																																																																																		
Steer calves	Head	13	439	65.44	3,735	--	Family labor 10/	Hrs	980.0	--	4.17	4,087	83.41																																																																																																																																																																																																																																												
Heifer calves	Head	6	405	54.08	1,314	--	Capital replacement 11/	Dol	--	--	--	2,695	55.00																																																																																																																																																																																																																																												
Yearling steers	Head	7	731	62.00	3,173	--	Interest on investment other than land 13/	Dol	--	--	--	5,696	116.24																																																																																																																																																																																																																																												
Yearling heifers	Head	7	683	56.56	2,704	--	Interest on land 13/	Dol	--	--	--	31,006	632.78																																																																																																																																																																																																																																												
Cull cows	Head	6	1,003	35.05	2,109	--	Total other costs	Dol	--	--	--	43,484	887.43																																																																																																																																																																																																																																												
Total sales	Head	--	--	--	13,035	266.02	Total all costs	Dol	--	--	--	54,116	1104.41																																																																																																																																																																																																																																												
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																		
Federal grazing fees 3/	AM	151.0	--	1.86	281	5.73	Return above cash costs and family labor	Dol	--	--	--	2,403	49.04																																																																																																																																																																																																																																												
Private pasture lease	AUM	26.4	--	7.98	211	4.31	Return to total investment 14/	Dol	--	--	--	-4,379	-89.37																																																																																																																																																																																																																																												
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-10,075	-205.61																																																																																																																																																																																																																																												
State land lease	AUM	--	--	--	--	--																																																																																																																																																																																																																																																			
Irrigated pasture	AUM	32.0	--	4.51	144	2.94																																																																																																																																																																																																																																																			
Hay produced	Ton	105.0	--	32.78	3,442	70.24																																																																																																																																																																																																																																																			
Hay purchased	Ton	--	--	--	--	--																																																																																																																																																																																																																																																			
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td colspan="14">Feed source:</td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>17.0</td> <td>34.0</td> <td>35.0</td> <td>26.0</td> <td>6.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>7.0</td> <td>7.0</td> <td>4.0</td> <td>4.0</td> <td>4.0</td> <td>4.0</td> <td>3.0</td> <td>--</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>7.5</td> <td>4.9</td> <td>3.0</td> <td>2.9</td> <td>4.0</td> <td>4.1</td> <td>--</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>67.9</td> <td>44.1</td> <td>26.5</td> <td>26.1</td> <td>36.1</td> <td>37.2</td> <td>22.0</td> <td>--</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>7.0</td> <td>8.0</td> <td>8.0</td> <td>9.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>25.0</td> <td>27.0</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>18.3</td> <td>20.4</td> <td>21.9</td> <td>23.7</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>2.4</td> <td>18.3</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td colspan="14">Marketing month:</td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>13.0</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>6.0</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>7.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>5.0</td> <td>--</td> <td>2.0</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>6.0</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:														National Forest 16/	AM	--	--	--	--	17.0	34.0	35.0	26.0	6.0	--	--	Bureau of Land Management 16/	AM	--	--	--	7.0	7.0	4.0	4.0	4.0	4.0	3.0	--	Pasture rent/lease 17/	AUM	--	--	--	7.5	4.9	3.0	2.9	4.0	4.1	--	--	State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--	Deeded rangeland 17/	AUM	--	--	--	67.9	44.1	26.5	26.1	36.1	37.2	22.0	--	Irrigated pasture 17/	AUM	--	--	--	--	7.0	8.0	8.0	9.0	--	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	25.0	27.0	--	Hay	Ton	18.3	20.4	21.9	23.7	--	--	--	--	--	2.4	18.3	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--	Marketing month:														Steer calves	Head	--	--	--	--	--	--	--	--	--	13.0	--	Heifer calves	Head	--	--	--	--	--	--	--	--	--	6.0	--	Yearling steers	Head	--	--	--	--	--	--	--	7.0	--	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	5.0	--	2.0	--	Cull cows	Head	--	--	--	--	--	--	--	--	--	6.0	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																													
Feed source:																																																																																																																																																																																																																																																									
National Forest 16/	AM	--	--	--	--	17.0	34.0	35.0	26.0	6.0	--	--																																																																																																																																																																																																																																													
Bureau of Land Management 16/	AM	--	--	--	7.0	7.0	4.0	4.0	4.0	4.0	3.0	--																																																																																																																																																																																																																																													
Pasture rent/lease 17/	AUM	--	--	--	7.5	4.9	3.0	2.9	4.0	4.1	--	--																																																																																																																																																																																																																																													
State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Deeded rangeland 17/	AUM	--	--	--	67.9	44.1	26.5	26.1	36.1	37.2	22.0	--																																																																																																																																																																																																																																													
Irrigated pasture 17/	AUM	--	--	--	--	7.0	8.0	8.0	9.0	--	--	--																																																																																																																																																																																																																																													
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	25.0	27.0	--																																																																																																																																																																																																																																													
Hay	Ton	18.3	20.4	21.9	23.7	--	--	--	--	--	2.4	18.3																																																																																																																																																																																																																																													
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Marketing month:																																																																																																																																																																																																																																																									
Steer calves	Head	--	--	--	--	--	--	--	--	--	13.0	--																																																																																																																																																																																																																																													
Heifer calves	Head	--	--	--	--	--	--	--	--	--	6.0	--																																																																																																																																																																																																																																													
Yearling steers	Head	--	--	--	--	--	--	--	7.0	--	--	--																																																																																																																																																																																																																																													
Yearling heifers	Head	--	--	--	--	--	--	--	5.0	--	2.0	--																																																																																																																																																																																																																																													
Cull cows	Head	--	--	--	--	--	--	--	--	--	6.0	--																																																																																																																																																																																																																																													

Table 158--Beef cow enterprises with 300-699 cows, Targhee National Forest, Northeast Idaho, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow
Production:							Cash costs--Continued						
Bred cows 1/	Head	426	--	--	--	--	Protein supplement 5/	Ton	--	--	--	--	--
Annual cow loss	Head	14	--	--	--	--	Grain	Bu	--	--	--	--	--
Cows culled	Head	43	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--
Calves born alive	Head	392	--	--	--	--	Salt and mineral	Cwt	149.0	--	4.33	645	1.51
Calves lost birth to weaning	Head	29	--	--	--	--	Veterinary & medicine	Dol	--	--	--	4,637	10.88
Steer calves weaned	Head	181	--	--	--	--	Hired trucking	Dol	--	--	--	727	1.71
Sold as weaners	Head	113	--	--	--	--	Marketing 6/	Dol	--	--	--	2,254	5.29
Lost after weaning	Head	1	--	--	--	--	General overhead 7/	Dol	--	--	--	2,363	5.55
Sold as yearlings	Head	67	--	--	--	--	Hired labor	Hrs	1,857.0	--	4.17	7,744	18.18
Heifer calves weaned	Head	182	--	--	--	--	Fuel and lubricants	Dol	--	--	--	6,411	15.05
Sold as weaners	Head	65	--	--	--	--	Repairs	Dol	--	--	--	5,897	13.84
Lost after weaning	Head	2	--	--	--	--	Taxes 8/	Dol	--	--	--	4,954	11.63
Sold as yearlings	Head	58	--	--	--	--	Insurance	Dol	--	--	--	1,880	4.41
Kept for herd replacement 2/	Head	57	--	--	--	--	Interest on operating capital 9/	Dol	33,796.6	--	0.15	5,002	11.74
Bulls	Head	18	--	--	--	--	Total cash costs	Dol	--	--	--	81,437	191.17
Sales:							Other costs:						
Steer calves	Head	113	439	65.44	32,463	--	Family labor 10/	Hrs	5,904.0	--	4.17	24,620	57.79
Heifer calves	Head	65	405	54.08	14,237	--	Capital replacement 11/	Dol	--	--	--	14,710	34.53
Yearling steers	Head	67	731	62.00	30,366	--	Interest on investment other than land 13/	Dol	--	--	--	40,885	95.97
Yearling heifers	Head	58	683	56.56	22,406	--	Interest on land 13/	Dol	--	--	--	218,895	513.84
Cull cows	Head	43	1,000	35.05	15,072	--	Total other costs	Dol	--	--	--	299,110	702.14
Total sales	Head	--	--	--	114,544	268.88	Total all costs	Dol	--	--	--	380,547	893.30
Cash costs:							Return above cash costs:						
Federal grazing fees 3/	AM	1,537.0	--	1.86	2,859	6.71	Return above cash costs: and family labor	Dol	--	--	--	8,487	19.92
Private pasture lease	AUM	239.2	--	7.98	1,909	4.48	Return to total investment 14/	Dol	--	--	--	-6,223	-14.61
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-47,108	-110.58
State land lease	AUM	120.1	--	4.72	567	1.33							
Irrigated pasture	AUM	329.0	--	4.51	1,484	3.48							
Hay produced	Ton	737.7	--	32.78	24,182	56.77							
Hay purchased	Ton	149.0	--	53.17	7,922	18.60							
: : : : : : : : : : : : : : : :													
Feed source:		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
National Forest 16/	AM	--	--	--	--	--	88.0	188.0	212.0	201.0	68.0	--	--
Bureau of Land Management 16/	AM	11.0	4.0	7.0	34.0	130.0	113.0	89.0	83.0	85.0	85.0	86.0	53.0
Pasture rent/lease 17/	AUM	--	--	--	--	44.8	41.4	31.0	29.0	29.0	38.0	26.0	--
State land lease	AUM	--	--	--	--	22.4	20.7	15.0	15.0	15.0	19.0	13.0	--
Deeded rangeland 17/	AUM	--	--	--	--	380.8	352.4	264.9	244.6	243.6	324.7	244.2	--
Irrigated pasture 17/	AUM	--	--	--	--	--	70.0	81.0	86.0	92.0	--	--	--
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	100.0	100.0	39.0
Hay	Ton	155.9	173.5	184.9	189.3	30.0	--	--	--	--	--	21.6	131.5
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--
Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--	--
Marketing month:													
Steer calves	Head	--	--	--	--	--	--	--	--	--	--	113.0	--
Heifer calves	Head	--	--	--	--	--	--	--	--	--	--	65.0	--
Yearling steers	Head	--	--	--	--	--	--	--	--	67.0	--	--	--
Yearling heifers	Head	--	--	--	--	--	--	--	--	45.0	--	--	--
Cull cows	Head	--	--	--	--	--	--	--	--	--	--	43.0	--

Table 161--Beef cow enterprises with up to 499 cows, Toiyabe National Forest, Central Nevada, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																																												
Production:							Cash costs--Continued																																																																																																																																																																																																																																																																		
Bred cows 1/	Head	192	--	--	--	--	Protein supplement 5/	Ton	3.5	--	217.20	760	3.96																																																																																																																																																																																																																																																												
Annual cow loss	Head	6	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																																												
Cows culled	Head	29	--	--	--	--	Other feed	Ton	--	--	--	--	--																																																																																																																																																																																																																																																												
Calves born alive	Head	152	--	--	--	--	Salt and mineral	Cwt	67.2	--	5.30	356	1.85																																																																																																																																																																																																																																																												
Calves lost birth to weaning	Head	8	--	--	--	--	Veterinary & medicine	Dol	--	--	--	895	4.66																																																																																																																																																																																																																																																												
Steer calves weaned	Head	72	--	--	--	--	Hired trucking	Dol	--	--	--	483	2.52																																																																																																																																																																																																																																																												
Sold as weaners	Head	60	--	--	--	--	Marketing 6/	Dol	--	--	--	257	1.34																																																																																																																																																																																																																																																												
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	Dol	--	--	--	1,265	6.59																																																																																																																																																																																																																																																												
Sold as yearlings	Head	12	--	--	--	--	Hired labor	Hrs	1,551.0	--	4.22	6,545	34.09																																																																																																																																																																																																																																																												
Heifer calves weaned	Head	72	--	--	--	--	Fuel and lubricants	Dol	--	--	--	2,826	14.72																																																																																																																																																																																																																																																												
Sold as weaners	Head	30	--	--	--	--	Repairs	Dol	--	--	--	1,974	10.28																																																																																																																																																																																																																																																												
Lost after weaning	Head	1	--	--	--	--	Taxes 8/	Dol	--	--	--	257	1.34																																																																																																																																																																																																																																																												
Sold as yearlings	Head	6	--	--	--	--	Insurance	Dol	--	--	--	872	4.54																																																																																																																																																																																																																																																												
Kept for herd replacement 2/	Head	35	--	--	--	--	Interest on operating capital 9/	Dol	14,258.3	--	0.15	2,110	10.99																																																																																																																																																																																																																																																												
Bulls	Head	12	--	--	--	--	Total cash costs	Dol	--	--	--	37,216	193.83																																																																																																																																																																																																																																																												
Sales:							Other costs:																																																																																																																																																																																																																																																																		
Steer calves	Head	60	410	66.69	16,406	--	Family labor 10/	Hrs	1,939.0	--	4.22	8,183	42.62																																																																																																																																																																																																																																																												
Heifer calves	Head	30	380	58.69	6,691	--	Capital replacement 11/	Dol	--	--	--	7,074	36.84																																																																																																																																																																																																																																																												
Yearling steers	Head	12	650	63.50	4,953	--	Interest on investment other than land 13/	Dol	--	--	--	18,417	95.92																																																																																																																																																																																																																																																												
Yearling heifers	Head	6	600	55.57	2,001	--	Interest on land 13/	Dol	--	--	--	458	2.39																																																																																																																																																																																																																																																												
Cull cows	Head	29	900	36.15	9,435	--	Total other costs	Dol	--	--	--	34,132	177.77																																																																																																																																																																																																																																																												
Total sales	Head	--	--	--	39,486	205.66	Total all costs	Dol	--	--	--	71,348	371.60																																																																																																																																																																																																																																																												
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																																		
Federal grazing fees 3/	AM	1,319.0	--	1.86	2,453	12.78	Return above cash costs and family labor	Dol	--	--	--	2,270	11.82																																																																																																																																																																																																																																																												
Private pasture lease	AUM	--	--	--	--	--	Return to total investment 14/	Dol	--	--	--	-12,987	-67.64																																																																																																																																																																																																																																																												
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-31,404	-163.56																																																																																																																																																																																																																																																												
State land lease	AUM	--	--	--	--	--																																																																																																																																																																																																																																																																			
Irrigated pasture	AUM	336.0	--	5.41	1,818	9.47																																																																																																																																																																																																																																																																			
Hay produced	Ton	313.9	--	45.70	14,345	74.71																																																																																																																																																																																																																																																																			
Hay purchased	Ton	--	--	--	--	--																																																																																																																																																																																																																																																																			
<table border="1"> <thead> <tr> <th colspan="2"></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td colspan="2">Feed source:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>10.0</td> <td>10.0</td> <td>10.0</td> <td>--</td> <td>38.0</td> <td>110.0</td> <td>112.0</td> <td>112.0</td> <td>112.0</td> <td>38.0</td> <td>--</td> <td>4.0</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>64.0</td> <td>64.0</td> <td>62.0</td> <td>85.0</td> <td>72.0</td> <td>41.0</td> <td>38.0</td> <td>38.0</td> <td>51.0</td> <td>87.0</td> <td>86.0</td> <td>75.0</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>170.5</td> <td>100.6</td> <td>106.7</td> <td>64.7</td> <td>18.6</td> <td>39.1</td> <td>22.0</td> <td>--</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>67.0</td> <td>71.0</td> <td>76.0</td> <td>80.0</td> <td>42.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>37.0</td> <td>100.0</td> <td>121.8</td> <td>150.0</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>57.6</td> <td>62.6</td> <td>--</td> <td>71.8</td> <td>--</td> <td>66.4</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>55.5</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>1.0</td> <td>1.0</td> <td>1.0</td> <td>0.5</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td colspan="2">Marketing month:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>60.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>30.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>12.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>6.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>29.0</td> <td>--</td> </tr> </tbody> </table>																Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:														National Forest 16/	AM	10.0	10.0	10.0	--	38.0	110.0	112.0	112.0	112.0	38.0	--	4.0	Bureau of Land Management 16/	AM	64.0	64.0	62.0	85.0	72.0	41.0	38.0	38.0	51.0	87.0	86.0	75.0	Pasture rent/lease 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--	State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--	--	Deeded rangeland 17/	AUM	--	--	--	--	170.5	100.6	106.7	64.7	18.6	39.1	22.0	--	Irrigated pasture 17/	AUM	--	--	--	--	67.0	71.0	76.0	80.0	42.0	--	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	37.0	100.0	121.8	150.0	--	Hay	Ton	57.6	62.6	--	71.8	--	66.4	--	--	--	--	--	55.5	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	1.0	1.0	1.0	0.5	--	--	--	--	--	--	--	--	Marketing month:														Steer calves	Head	--	--	--	--	--	--	--	--	--	60.0	--	--	Heifer calves	Head	--	--	--	--	--	--	--	--	--	30.0	--	--	Yearling steers	Head	--	--	--	--	--	--	--	--	12.0	--	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	--	6.0	--	--	--	Cull cows	Head	--	--	--	--	--	--	--	--	--	--	29.0	--
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																																												
Feed source:																																																																																																																																																																																																																																																																									
National Forest 16/	AM	10.0	10.0	10.0	--	38.0	110.0	112.0	112.0	112.0	38.0	--	4.0																																																																																																																																																																																																																																																												
Bureau of Land Management 16/	AM	64.0	64.0	62.0	85.0	72.0	41.0	38.0	38.0	51.0	87.0	86.0	75.0																																																																																																																																																																																																																																																												
Pasture rent/lease 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																												
State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																												
Deeded rangeland 17/	AUM	--	--	--	--	170.5	100.6	106.7	64.7	18.6	39.1	22.0	--																																																																																																																																																																																																																																																												
Irrigated pasture 17/	AUM	--	--	--	--	67.0	71.0	76.0	80.0	42.0	--	--	--																																																																																																																																																																																																																																																												
Crop residue 17/	AUM	--	--	--	--	--	--	--	37.0	100.0	121.8	150.0	--																																																																																																																																																																																																																																																												
Hay	Ton	57.6	62.6	--	71.8	--	66.4	--	--	--	--	--	55.5																																																																																																																																																																																																																																																												
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																												
Protein supplement	Ton	1.0	1.0	1.0	0.5	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																												
Marketing month:																																																																																																																																																																																																																																																																									
Steer calves	Head	--	--	--	--	--	--	--	--	--	60.0	--	--																																																																																																																																																																																																																																																												
Heifer calves	Head	--	--	--	--	--	--	--	--	--	30.0	--	--																																																																																																																																																																																																																																																												
Yearling steers	Head	--	--	--	--	--	--	--	--	12.0	--	--	--																																																																																																																																																																																																																																																												
Yearling heifers	Head	--	--	--	--	--	--	--	--	6.0	--	--	--																																																																																																																																																																																																																																																												
Cull cows	Head	--	--	--	--	--	--	--	--	--	--	29.0	--																																																																																																																																																																																																																																																												

Table 164--Beef cow enterprises with up to 99 cows, Wasatch-Cache National Forest, North-Central Utah, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow
Production:							Cash costs--Continued						
Bred cows 1/	Head	44	--	--	--	--	Protein supplement 5/	Ton	--	--	--	--	--
Annual cow loss	Head	2	--	--	--	--	Grain	Bu	--	--	--	--	--
Cows culled	Head	4	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--
Calves born alive	Head	42	--	--	--	--	Salt and mineral	Cwt	15.4	--	4.85	75	1.70
Calves lost birth to weaning	Head	3	--	--	--	--	Veterinary & medicine	Dol	--	--	--	248	5.64
Steer calves weaned	Head	19	--	--	--	--	Hired trucking	Dol	--	--	--	41	0.93
Sold as weaners	Head	13	--	--	--	--	Marketing 6/	Dol	--	--	--	145	3.30
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	Dol	--	--	--	604	13.73
Sold as yearlings	Head	6	--	--	--	--	Hired labor	Hrs	15.0	--	4.22	63	1.43
Heifer calves weaned	Head	20	--	--	--	--	Fuel and lubricants	Dol	--	--	--	1,445	32.84
Sold as weaners	Head	10	--	--	--	--	Repairs	Dol	--	--	--	973	22.11
Lost after weaning	Head	--	--	--	--	--	Taxes 8/	Dol	--	--	--	367	8.34
Sold as yearlings	Head	4	--	--	--	--	Insurance	Dol	--	--	--	231	5.25
Kept for herd replacement 2/	Head	6	--	--	--	--	Interest on operating capital 9/	Dol	3,650.92	--	0.15	540	12.27
Bulls	Head	2	--	--	--	--	Total cash costs	Dol	--	--	--	9,251	210.25
Sales:							Other costs:						
Steer calves	Head	13	430	65.44	3,658	--	Family labor 10/	Hrs	832.0	--	4.22	3,511	79.80
Heifer calves	Head	10	390	56.00	2,184	--	Capital replacement 11/	Dol	--	--	--	2,159	49.07
Yearling steers	Head	6	760	59.75	2,725	--	Interest on investment other than land 13/	Dol	--	--	--	4,591	104.34
Yearling heifers	Head	4	670	53.95	1,446	--	Interest on land 13/	Dol	--	--	--	12,057	274.02
Cull cows	Head	4	900	37.71	1,358	--	Total other costs	Dol	--	--	--	22,318	507.23
Total sales	Head	--	--	--	11,371	258.43	Total all costs	Dol	--	--	--	31,569	717.48
Cash costs:							Return above cash costs:						
Federal grazing fees 3/	AM	109.0	--	1.86	203	4.61	Return above cash costs:	Dol	--	--	--	2,120	48.18
Private pasture lease	AUM	39.0	--	9.29	362	8.23	Return above cash costs:	Dol	--	--	--	-1,391	-31.61
Other pasture lease 4/	AUM	--	--	--	--	--	and family labor	Dol	--	--	--	--	--
State land lease	AUM	--	--	--	--	--	Return to total investment 14/	Dol	--	--	--	-3,550	-80.68
Irrigated pasture	AUM	62.0	--	5.14	319	7.24	Return to land 15/	Dol	--	--	--	-8,141	-185.02
Hay produced	Ton	89.3	--	40.71	3,635	82.62							
Hay purchased	Ton	--	--	--	--	--							
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Feed source:													
National Forest 16/	AM	--	--	--	--	--	13.0	22.0	22.0	22.0	--	--	--
Bureau of Land Management 16/	AM	--	--	--	5.0	5.0	5.0	5.0	5.0	5.0	--	--	--
Pasture rent/lease 17/	AUM	--	--	--	--	8.0	10.0	8.0	8.0	5.0	--	--	--
State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--	--
Deeded rangeland 17/	AUM	--	--	--	--	50.0	32.2	20.8	20.8	20.3	--	--	--
Irrigated pasture 17/	AUM	--	--	--	--	10.0	11.0	13.0	14.0	14.0	--	--	--
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	65.0	54.0	--
Hay	Ton	16.5	18.0	19.5	18.8	--	--	--	--	--	--	--	16.5
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--
Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--	--
Marketing month:													
Steer calves	Head	--	--	--	--	--	--	--	--	--	--	13.0	--
Heifer calves	Head	--	--	--	--	--	--	--	--	--	--	10.0	--
Yearling steers	Head	--	--	--	--	--	--	--	--	--	6.0	--	--
Yearling heifers	Head	--	--	--	--	--	--	--	--	--	4.0	--	--
Cull cows	Head	--	--	--	--	--	--	--	--	--	4.0	--	--

Table 165--Beef cow enterprises with 100-499 cows, Wasatch-Cache National Forest, North-Central Utah, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow
Production:							:Cash costs--Continued						
Bred cows 1/	Head	206	--	--	--	--	Protein supplement 5/	Ton	3.0	--	199.00	597	2.90
Annual cow loss	Head	8	--	--	--	--	Grain	Bu	--	--	--	--	--
Cows culled	Head	22	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--
Calves born alive	Head	198	--	--	--	--	Salt and mineral	Cwt	72.0	--	4.85	349	1.69
Calves lost birth to weaning	Head	16	--	--	--	--	Veterinary & medicine:	Dol	--	--	--	900	4.37
Steer calves weaned	Head	91	--	--	--	--	Hired trucking	Dol	--	--	--	596	2.89
Sold as weaners	Head	64	--	--	--	--	Marketing 6/	Dol	--	--	--	592	2.87
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	Dol	--	--	--	3,479	16.89
Sold as yearlings	Head	27	--	--	--	--	Hired labor	Hrs	1,166.0	--	4.22	4,921	23.89
Heifer calves weaned	Head	91	--	--	--	--	Fuel and lubricants	Dol	--	--	--	2,318	11.25
Sold as weaners	Head	41	--	--	--	--	Repairs	Dol	--	--	--	2,079	10.09
Lost after weaning	Head	1	--	--	--	--	Taxes 8/	Dol	--	--	--	1,884	9.15
Sold as yearlings	Head	19	--	--	--	--	Insurance	Dol	--	--	--	935	4.54
Kept for herd replacement 2/	Head	30	--	--	--	--	Interest on operating capital 9/	Dol	16,638.0	--	0.15	2,462	11.95
Bulls	Head	8	--	--	--	--	Total cash costs	Dol	--	--	--	42,185	204.78
Sales:							:Other costs:						
Steer calves	Head	64	430	65.44	18,009	--	Family labor 10/	Hrs	2,561.0	--	4.22	10,807	52.46
Heifer calves	Head	41	390	56.00	8,954	--	Capital replacement 11/	Dol	--	--	--	6,236	30.27
Yearling steers	Head	27	760	59.75	12,261	--	Interest on investment other than land 13/	Dol	--	--	--	19,260	93.50
Yearling heifers	Head	19	670	53.95	6,868	--	Interest on land 13/	Dol	--	--	--	75,117	364.65
Cull cows	Head	22	900	37.71	7,467	--	Total other costs	Dol	--	--	--	111,420	540.87
Total sales	Head	--	--	--	53,559	260.00	Total all costs	Dol	--	--	--	153,605	745.66
Cash costs:							:Return above cash costs:						
Federal grazing fees 3/	AM	430.0	--	1.86	800	3.88	Return above cash costs:	Dol	--	--	--	11,374	55.21
Private pasture lease	AUM	319.0	--	9.29	2,964	14.39	Return above cash costs:	Dol	--	--	--	567	2.75
Other pasture lease 4/	AUM	--	--	--	--	--	Return to total investment 14/	Dol	--	--	--	-5,669	-27.52
State land lease	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-24,929	-121.02
Irrigated pasture	AUM	281.0	--	5.14	1,444	7.01							
Hay produced	Ton	389.7	--	40.71	15,865	77.01							
Hay purchased	Ton	--	--	--	--	--							
: : : : : : : : : : : : : : : : : :													
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Feed source:													
National Forest 16/	AM	--	--	--	--	--	29.0	68.0	68.0	53.0	25.0	--	--
Bureau of Land Management 16/	AM	6.0	5.0	4.0	4.0	27.0	42.0	32.0	30.0	18.0	7.0	6.0	6.0
Pasture rent/lease 17/	AUM	--	--	--	--	61.0	61.0	72.0	75.0	50.0	--	--	--
State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--	--
Deeded rangeland 17/	AUM	--	--	--	--	2,001.0	154.3	100.9	100.8	150.9	54.2	10.0	--
Irrigated pasture 17/	AUM	--	--	--	--	46.0	50.0	58.0	62.0	65.0	--	--	--
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	200.0	200.0	51.0
Hay	Ton	71.2	78.7	87.1	94.5	--	--	--	--	--	--	--	58.2
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--
Protein supplement	Ton	1.5	1.5	--	--	--	--	--	--	--	--	--	--
Marketing month:													
Steer calves	Head	--	--	--	--	--	--	--	--	--	--	64.0	--
Heifer calves	Head	--	--	--	--	--	--	--	--	--	--	41.0	--
Yearling steers	Head	--	--	--	--	--	--	--	--	--	27.0	--	--
Yearling heifers	Head	--	--	--	--	--	--	--	--	--	19.0	--	--
Cull cows	Head	--	--	--	--	--	--	--	--	--	22.0	--	--

Table 167--Beef cow enterprises with up to 99 cows, Cleveland National Forest, Southwest California, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow
Production:							Cash costs--Continued						
Bred cows 1/	Head	41	--	--	--	--	Protein supplement 5/	Ton	1.1	--	232.80	256	6.24
Annual cow loss	Head	--	--	--	--	--	Grain	Bu	--	--	--	--	--
Cows culled	Head	4	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--
Calves born alive	Head	38	--	--	--	--	Salt and mineral	Cwt	14.4	--	6.69	96	2.34
Calves lost birth to weaning	Head	2	--	--	--	--	Veterinary & medicine	Dol	--	--	--	238	5.80
Steer calves weaned	Head	18	--	--	--	--	Hired trucking	Dol	--	--	--	74	1.80
Sold as weaners	Head	13	--	--	--	--	Marketing 6/	Dol	--	--	--	221	5.39
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	Dol	--	--	--	400	9.76
Sold as yearlings	Head	5	--	--	--	--	Hired labor	Hrs	174.0	--	4.66	811	19.78
Heifer calves weaned	Head	18	--	--	--	--	Fuel and lubricants	Dol	--	--	--	625	15.24
Sold as weaners	Head	9	--	--	--	--	Repairs	Dol	--	--	--	645	15.73
Lost after weaning	Head	--	--	--	--	--	Taxes 8/	Dol	--	--	--	926	22.59
Sold as yearlings	Head	5	--	--	--	--	Insurance	Dol	--	--	--	198	4.83
Kept for herd replacement 2/	Head	4	--	--	--	--	Interest on operating capital 9/	Dol	2,867.8	--	0.15	430	10.49
Bulls	Head	2	--	--	--	--	Total cash costs	Dol	--	--	--	7,380	180.00
Sales:							Other costs:						
Steer calves	Head	13	500	65.67	4,269	--	Family labor 10/	Hrs	615.0	--	4.66	2,866	69.90
Heifer calves	Head	9	475	54.60	2,334	--	Capital replacement 11/	Dol	--	--	--	1,970	48.05
Yearling steers	Head	5	800	62.00	2,480	--	Interest on investment other than land 13/	Dol	--	--	--	4,262	103.95
Yearling heifers	Head	5	750	56.56	2,121	--	Interest on land 13/	Dol	--	--	--	20,456	498.93
Cull cows	Head	4	1,000	39.71	1,588	--	Total other costs	Dol	--	--	--	29,554	720.83
Total sales	Head	--	--	--	12,792	312.00	Total all costs	Dol	--	--	--	36,934	900.83
Cash costs:							Return above cash costs:						
Federal grazing fees 3/	AM	177.0	--	1.86	329	8.02	Return above cash costs and family labor	Dol	--	--	--	5,412	132.00
Private pasture lease	AUM	151.5	--	9.23	1,398	34.10	Return to total investment 14/	Dol	--	--	--	576	14.05
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-3,686	-89.90
State land lease	AUM	--	--	--	--	--							
Irrigated pasture	AUM	--	--	--	--	--							
Hay produced	Ton	--	--	--	--	--							
Hay purchased	Ton	10.3	--	71.17	733	17.88							
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Feed source:													
National Forest 16/	AM	9.0	9.0	13.0	22.0	22.0	22.0	20.0	20.0	13.0	9.0	9.0	9.0
Bureau of Land Management 16/	AM	--	--	--	--	--	--	--	--	--	--	--	--
Pasture rent/lease 17/	AUM	10.0	11.0	11.8	12.8	13.1	14.8	15.2	15.2	14.4	13.2	10.0	10.0
State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--	--
Deeded rangeland 17/	AUM	15.4	18.5	30.6	22.6	25.0	27.4	31.9	31.9	39.9	40.6	31.0	23.3
Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--
Hay	Ton	4.1	4.1	--	--	--	--	--	--	--	--	--	2.1
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--
Protein supplement	Ton	0.4	0.4	0.2	--	--	--	--	--	--	--	--	0.1
Marketing month:													
Steer calves	Head	--	--	--	--	--	--	--	--	--	13.0	--	--
Heifer calves	Head	--	--	--	--	--	--	--	--	--	9.0	--	--
Yearling steers	Head	--	--	--	--	--	--	--	--	5.0	--	--	--
Yearling heifers	Head	--	--	--	--	--	--	--	--	5.0	--	--	--
Cull cows	Head	--	--	--	--	--	--	--	--	4.0	--	--	--

Table 171--Beef cow enterprises with up to 199 cows, Inyo National Forest, East Central California, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow
Production:							Cash costs--Continued						
Bred cows 1/	Head	80	--	--	--	--	Protein supplement 5/	Ton	12.0	--	232.80	2,794	34.93
Annual cow loss	Head	2	--	--	--	--	Grain	Bu	--	--	--	--	--
Cows culled	Head	16	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--
Calves born alive	Head	74	--	--	--	--	Salt and mineral	Cwt	28.0	--	6.69	187	2.34
Calves lost birth to weaning	Head	9	--	--	--	--	Veterinary & medicine	Dol	--	--	--	465	5.81
Steer calves weaned	Head	32	--	--	--	--	Hired trucking	Dol	--	--	--	149	1.86
Sold as weaners	Head	32	--	--	--	--	Marketing 6/	Dol	--	--	--	431	5.39
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	Dol	--	--	--	1,160	14.50
Sold as yearlings	Head	--	--	--	--	--	Hired labor	Hrs	339.0	--	4.66	1,580	19.75
Heifer calves weaned	Head	33	--	--	--	--	Fuel and lubricants	Dol	--	--	--	813	10.16
Sold as weaners	Head	10	--	--	--	--	Repairs	Dol	--	--	--	756	9.45
Lost after weaning	Head	1	--	--	--	--	Taxes 8/	Dol	--	--	--	247	3.09
Sold as yearlings	Head	4	--	--	--	--	Insurance	Dol	--	--	--	357	4.46
Kept for herd replacement 2/	Head	18	--	--	--	--	Interest on operating capital 9/	Dol	5,917.2	--	0.15	888	11.10
Bulls	Head	4	--	--	--	--	Total cash costs	Dol	--	--	--	14,920	186.50
Sales:							Other costs:						
Steer calves	Head	32	450	65.67	9,456	--	Family labor 10/	Hrs	914.0	--	4.66	4,259	53.24
Heifer calves	Head	10	425	54.60	2,321	--	Capital replacement 11/	Dol	--	--	--	2,260	28.25
Yearling steers	Head	--	--	--	--	--	Interest on investment other than land 13/	Dol	--	--	--	7,497	93.71
Yearling heifers	Head	4	600	53.95	1,295	--	Interest on land 13/	Dol	--	--	--	4,073	50.91
Cull cows	Head	16	850	37.71	5,129	--	Total other costs	Dol	--	--	--	18,089	226.11
Total sales	Head	--	--	--	18,201	227.51	Total all costs	Dol	--	--	--	33,009	412.61
Cash costs:							Return above cash costs:						
Federal grazing fees 3/	AM	243.0	--	1.86	452	5.65	and family labor	Dol	--	--	--	-978	-12.23
Private pasture lease	AUM	42.2	--	9.23	390	4.88	Return to total investment 14/	Dol	--	--	--	-3,238	-40.48
Other pasture lease 4/	AUM	755.5	--	3.89	2,939	36.74	Return to land 15/	Dol	--	--	--	-10,735	-134.19
State land lease	AUM	--	--	--	--	--							
Irrigated pasture	AUM	--	--	--	--	--							
Hay produced	Ton	24.0	--	36.89	885	11.06							
Hay purchased	Ton	6.0	--	71.17	427	5.34							
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Feed source:													
National Forest 16/	AM	--	--	1.0	2.0	7.0	29.0	43.0	43.0	25.0	5.0	--	--
Bureau of Land Management 16/	AM	--	--	9.0	9.0	25.0	15.0	15.0	15.0	--	--	--	--
Pasture rent/lease 17/	AUM	2.8	3.1	3.3	3.6	3.8	4.1	4.2	4.2	4.0	3.5	2.8	2.8
State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--	--
Deeded rangeland 17/	AUM	4.1	5.0	6.2	8.6	8.1	6.9	5.1	5.1	9.4	10.7	8.8	7.3
Irrigated pasture 17/	AUM	--	--	--	--	299.7	309.3	297.7	294.5	--	--	--	--
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	--	7.0	7.0
Hay	Ton	10.0	10.0	5.0	--	--	--	--	--	--	--	--	5.0
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--
Protein supplement	Ton	3.0	3.0	3.0	3.0	--	--	--	--	--	--	--	--
Other pasture lease	AM	37.2	45.0	56.2	77.0	72.6	62.3	45.9	45.8	84.7	96.1	73.4	59.3
Marketing month:													
Steer calves	Head	--	--	--	--	--	--	--	--	--	32.0	--	--
Heifer calves	Head	--	--	--	--	--	--	--	--	--	10.0	--	--
Yearling steers	Head	--	--	--	--	--	--	--	--	--	--	--	--
Yearling heifers	Head	--	--	--	--	--	--	--	--	--	4.0	--	--
Cull cows	Head	--	--	--	--	--	--	--	--	--	16.0	--	--

Table 177--Beef cow enterprises with up to 150 cows, Lassen National Forest, Northeastern California, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																																											
Production:							Cash costs--Continued																																																																																																																																																																																																																																																																	
Bred cows 1/	Head	113	--	--	--	--	Protein supplement 5/	Ton	--	--	--	--	--																																																																																																																																																																																																																																																											
Annual cow loss	Head	2	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																																											
Cows culled	Head	17	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--																																																																																																																																																																																																																																																											
Calves born alive	Head	102	--	--	--	--	Salt and mineral	Cwt	40.0	--	6.69	268	2.37																																																																																																																																																																																																																																																											
Calves lost birth to weaning	Head	6	--	--	--	--	Veterinary & medicine	Dol	--	--	--	527	4.66																																																																																																																																																																																																																																																											
Steer calves weaned	Head	48	--	--	--	--	Hired trucking	Dol	--	--	--	97	0.86																																																																																																																																																																																																																																																											
Sold as weaners	Head	24	--	--	--	--	Marketing 6/	Dol	--	--	--	219	1.94																																																																																																																																																																																																																																																											
Lost after weaning	Head	1	--	--	--	--	General overhead 7/	Dol	--	--	--	1,350	11.95																																																																																																																																																																																																																																																											
Sold as yearlings	Head	23	--	--	--	--	Hired labor	Hrs	570.0	--	4.66	2,656	23.50																																																																																																																																																																																																																																																											
Heifer calves weaned	Head	48	--	--	--	--	Fuel and lubricants	Dol	--	--	--	2,012	17.81																																																																																																																																																																																																																																																											
Sold as weaners	Head	14	--	--	--	--	Repairs	Dol	--	--	--	1,762	15.59																																																																																																																																																																																																																																																											
Lost after weaning	Head	1	--	--	--	--	Taxes 8/	Dol	--	--	--	1,854	16.41																																																																																																																																																																																																																																																											
Sold as yearlings	Head	14	--	--	--	--	Insurance	Dol	--	--	--	551	4.88																																																																																																																																																																																																																																																											
Kept for herd replacement 2/	Head	19	--	--	--	--	Interest on operating capital 9/	Dol	9,481.0	--	0.15	1,422	12.58																																																																																																																																																																																																																																																											
Bulls	Head	7	--	--	--	--	Total cash costs	Dol	--	--	--	25,645	226.95																																																																																																																																																																																																																																																											
Sales:							Other costs:																																																																																																																																																																																																																																																																	
Steer calves	Head	24	430	65.67	6,777	--	Family labor 10/	Hrs	1,330.0	--	4.66	6,198	54.85																																																																																																																																																																																																																																																											
Heifer calves	Head	14	405	54.60	3,096	--	Capital replacement 11/	Dol	--	--	--	5,191	45.94																																																																																																																																																																																																																																																											
Yearling steers	Head	23	740	58.33	9,928	--	Interest on investment other than land 13/	Dol	--	--	--	11,666	103.24																																																																																																																																																																																																																																																											
Yearling heifers	Head	14	690	52.12	5,035	--	Interest on land 13/	Dol	--	--	--	39,832	352.50																																																																																																																																																																																																																																																											
Cull cows	Head	17	1,050	37.71	6,731	--	Total other costs	Dol	--	--	--	62,887	556.52																																																																																																																																																																																																																																																											
Total sales	Head	--	--	--	31,567	279.35	Total all costs	Dol	--	--	--	88,532	783.47																																																																																																																																																																																																																																																											
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																																	
Federal grazing fees 3/	AM	393.0	--	1.86	731	6.47	Return above cash costs and family labor	Dol	--	--	--	5,922	52.41																																																																																																																																																																																																																																																											
Private pasture lease	AUM	1,132.0	--	9.23	10,448	92.46	Return to total investment 14/	Dol	--	--	--	-5,467	-48.38																																																																																																																																																																																																																																																											
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-17,133	-151.62																																																																																																																																																																																																																																																											
State land lease	AUM	--	--	--	--	--																																																																																																																																																																																																																																																																		
Irrigated pasture	AUM	--	--	--	--	--																																																																																																																																																																																																																																																																		
Hay produced	Ton	39.1	--	36.89	1,442	12.76																																																																																																																																																																																																																																																																		
Hay purchased	Ton	4.3	--	71.17	306	2.71																																																																																																																																																																																																																																																																		
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td>Feed source:</td> <td colspan="13"></td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>13.0</td> <td>13.0</td> <td>13.0</td> <td>16.0</td> <td>23.0</td> <td>44.0</td> <td>51.0</td> <td>47.0</td> <td>28.0</td> <td>13.0</td> <td>13.0</td> <td>13.0</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>14.0</td> <td>20.0</td> <td>20.0</td> <td>18.0</td> <td>18.0</td> <td>16.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>120.0</td> <td>120.0</td> <td>110.0</td> <td>110.0</td> <td>91.0</td> <td>70.0</td> <td>70.0</td> <td>70.0</td> <td>91.0</td> <td>80.0</td> <td>80.0</td> <td>120.0</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>52.9</td> <td>54.7</td> <td>53.5</td> <td>61.3</td> <td>65.6</td> <td>9.4</td> <td>3.0</td> <td>--</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>60.0</td> <td>52.0</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>4.5</td> <td>8.3</td> <td>14.8</td> <td>11.3</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>4.5</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td colspan="14">Marketing month:</td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>24.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>14.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>23.0</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>14.0</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>17.0</td> <td>--</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:														National Forest 16/	AM	13.0	13.0	13.0	16.0	23.0	44.0	51.0	47.0	28.0	13.0	13.0	13.0	Bureau of Land Management 16/	AM	--	--	--	14.0	20.0	20.0	18.0	18.0	16.0	--	--	--	Pasture rent/lease 17/	AUM	120.0	120.0	110.0	110.0	91.0	70.0	70.0	70.0	91.0	80.0	80.0	120.0	State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--	--	Deeded rangeland 17/	AUM	--	--	--	--	52.9	54.7	53.5	61.3	65.6	9.4	3.0	--	Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	60.0	52.0	--	Hay	Ton	4.5	8.3	14.8	11.3	--	--	--	--	--	--	--	4.5	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--	--	Marketing month:														Steer calves	Head	--	--	--	--	--	--	--	--	--	24.0	--	--	Heifer calves	Head	--	--	--	--	--	--	--	--	--	14.0	--	--	Yearling steers	Head	--	--	--	--	--	--	--	--	--	--	23.0	--	Yearling heifers	Head	--	--	--	--	--	--	--	--	--	--	14.0	--	Cull cows	Head	--	--	--	--	--	--	--	--	--	17.0	--	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																																												
Feed source:																																																																																																																																																																																																																																																																								
National Forest 16/	AM	13.0	13.0	13.0	16.0	23.0	44.0	51.0	47.0	28.0	13.0	13.0	13.0																																																																																																																																																																																																																																																											
Bureau of Land Management 16/	AM	--	--	--	14.0	20.0	20.0	18.0	18.0	16.0	--	--	--																																																																																																																																																																																																																																																											
Pasture rent/lease 17/	AUM	120.0	120.0	110.0	110.0	91.0	70.0	70.0	70.0	91.0	80.0	80.0	120.0																																																																																																																																																																																																																																																											
State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																											
Deeded rangeland 17/	AUM	--	--	--	--	52.9	54.7	53.5	61.3	65.6	9.4	3.0	--																																																																																																																																																																																																																																																											
Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																											
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	60.0	52.0	--																																																																																																																																																																																																																																																											
Hay	Ton	4.5	8.3	14.8	11.3	--	--	--	--	--	--	--	4.5																																																																																																																																																																																																																																																											
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																											
Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																											
Marketing month:																																																																																																																																																																																																																																																																								
Steer calves	Head	--	--	--	--	--	--	--	--	--	24.0	--	--																																																																																																																																																																																																																																																											
Heifer calves	Head	--	--	--	--	--	--	--	--	--	14.0	--	--																																																																																																																																																																																																																																																											
Yearling steers	Head	--	--	--	--	--	--	--	--	--	--	23.0	--																																																																																																																																																																																																																																																											
Yearling heifers	Head	--	--	--	--	--	--	--	--	--	--	14.0	--																																																																																																																																																																																																																																																											
Cull cows	Head	--	--	--	--	--	--	--	--	--	17.0	--	--																																																																																																																																																																																																																																																											

Table 178--Beef cow enterprises with 151-499 cows, Lassen National Forest, Northeastern California, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																										
Production:							Cash costs--Continued																																																																																																																																																																																																																																																
Bred cows 1/	Head	259	--	--	--	--	Protein supplement 5/	Ton	--	--	--	--	--																																																																																																																																																																																																																																										
Annual cow loss	Head	5	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																										
Cows culled	Head	39	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--																																																																																																																																																																																																																																										
Calves born alive	Head	233	--	--	--	--	Salt and mineral	Cwt	91.0	--	6.69	609	2.35																																																																																																																																																																																																																																										
Calves lost birth to weaning	Head	16	--	--	--	--	Veterinary & medicine	Dol	--	--	--	2,081	8.03																																																																																																																																																																																																																																										
Steer calves weaned	Head	108	--	--	--	--	Hired trucking	Dol	--	--	--	1,333	5.15																																																																																																																																																																																																																																										
Sold as weaners	Head	55	--	--	--	--	Marketing 6/	Dol	--	--	--	556	2.15																																																																																																																																																																																																																																										
Lost after weaning	Head	1	--	--	--	--	General overhead 7/	Dol	--	--	--	3,108	12.00																																																																																																																																																																																																																																										
Sold as yearlings	Head	52	--	--	--	--	Hired labor	Hrs	630.0	--	4.66	2,936	11.34																																																																																																																																																																																																																																										
Heifer calves weaned	Head	109	--	--	--	--	Fuel and lubricants	Dol	--	--	--	3,561	13.75																																																																																																																																																																																																																																										
Sold as weaners	Head	30	--	--	--	--	Repairs	Dol	--	--	--	3,370	13.01																																																																																																																																																																																																																																										
Lost after weaning	Head	2	--	--	--	--	Taxes 8/	Dol	--	--	--	4,770	18.42																																																																																																																																																																																																																																										
Sold as yearlings	Head	33	--	--	--	--	Insurance	Dol	--	--	--	1,222	4.72																																																																																																																																																																																																																																										
Kept for herd replacement 2/	Head	44	--	--	--	--	Interest on operating capital 9/	Dol	18,974.0	--	0.15	2,808	10.84																																																																																																																																																																																																																																										
Bulls	Head	15	--	--	--	--	Total cash costs	Dol	--	--	--	50,577	195.28																																																																																																																																																																																																																																										
Sales:							Other costs:																																																																																																																																																																																																																																																
Steer calves	Head	55	430	65.67	15,531	--	Family labor 10/	Hrs	1,891.0	--	4.66	8,812	34.02																																																																																																																																																																																																																																										
Heifer calves	Head	30	405	54.60	6,634	--	Capital replacement 11/	Dol	--	--	--	9,499	36.68																																																																																																																																																																																																																																										
Yearling steers	Head	52	740	58.33	22,445	--	Interest on investment other than land 13/	Dol	--	--	--	25,188	97.25																																																																																																																																																																																																																																										
Yearling heifers	Head	33	690	52.12	11,868	--	Interest on land 13/	Dol	--	--	--	106,764	412.22																																																																																																																																																																																																																																										
Cull cows	Head	39	1,050	37.71	15,442	--	Total other costs	Dol	--	--	--	150,263	580.17																																																																																																																																																																																																																																										
Total sales	Head	--	--	--	71,920	277.68	Total all costs	Dol	--	--	--	200,840	775.44																																																																																																																																																																																																																																										
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																
Federal grazing fees 3/	AM	704.0	--	1.86	1,309	5.05	Return above cash costs and family labor	Dol	--	--	--	21,343	82.41																																																																																																																																																																																																																																										
Private pasture lease	AUM	1,927.0	--	9.23	17,786	68.67	Return to total investment 14/	Dol	--	--	--	3,032	11.71																																																																																																																																																																																																																																										
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-22,156	-85.54																																																																																																																																																																																																																																										
State land lease	AUM	--	--	--	--	--																																																																																																																																																																																																																																																	
Irrigated pasture	AUM	--	--	--	--	--																																																																																																																																																																																																																																																	
Hay produced	Ton	114.5	--	36.89	4,224	16.31																																																																																																																																																																																																																																																	
Hay purchased	Ton	12.7	--	71.17	904	3.49																																																																																																																																																																																																																																																	
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	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																											
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Bureau of Land Management 16/	AM	--	--	--	45.0	72.0	51.0	35.0	34.0	31.0	11.0	--																																																																																																																																																																																																																																											
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Cull cows	Head	--	--	--	--	--	--	--	--	39.0	--	--																																																																																																																																																																																																																																											

Table 179--Beef cow enterprises with 500-999 cows, Lassen National Forest, Northeastern California, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow
Production:							Cash costs--Continued						
Bred cows 1/	Head	635	--	--	--	--	Protein supplement 5/	Ton	17.5	--	232.80	4,074	6.42
Annual cow loss	Head	13	--	--	--	--	Grain	Bu	--	--	--	--	--
Cows culled	Head	101	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--
Calves born alive	Head	571	--	--	--	--	Salt and mineral	Cwt	222.0	--	6.69	1,485	2.34
Calves lost birth to weaning	Head	34	--	--	--	--	Veterinary & medicine	Dol	--	--	--	4,507	7.10
Steer calves weaned	Head	268	--	--	--	--	Hired trucking	Dol	--	--	--	1,085	1.71
Sold as weaners	Head	130	--	--	--	--	Marketing 6/	Dol	--	--	--	704	1.11
Lost after weaning	Head	4	--	--	--	--	General overhead 7/	Dol	--	--	--	5,645	8.89
Sold as yearlings	Head	134	--	--	--	--	Hired labor	Hrs	2,100.0	--	4.66	9,786	15.41
Heifer calves weaned	Head	269	--	--	--	--	Fuel and lubricants	Dol	--	--	--	5,804	9.14
Sold as weaners	Head	67	--	--	--	--	Repairs	Dol	--	--	--	5,602	8.82
Lost after weaning	Head	4	--	--	--	--	Taxes 8/	Dol	--	--	--	12,168	19.16
Sold as yearlings	Head	84	--	--	--	--	Insurance	Dol	--	--	--	2,847	4.48
Kept for herd replacement 2/	Head	114	--	--	--	--	Interest on operating capital 9/	Dol	42,813.0	--	0.15	6,336	9.98
Bulls	Head	37	--	--	--	--	Total cash costs	Dol	--	--	--	107,766	169.71
Sales:							Other costs:						
Steer calves	Head	130	430	65.67	36,710	--	Family labor 10/	Hrs	3,150.0	--	4.66	14,679	23.12
Heifer calves	Head	67	405	54.60	14,816	--	Capital replace- ment 11/	Dol	--	--	--	18,420	29.01
Yearling steers	Head	134	740	58.33	57,840	--	Interest on Invest- ment other than land 13/	Dol	--	--	--	58,324	91.85
Yearling heifers	Head	84	690	52.12	30,209	--	Interest on land 13/	Dol	--	--	--	280,999	442.52
Cull cows	Head	101	1,020	37.71	38,849	--	Total other costs	Dol	--	--	--	372,422	586.49
Total sales	Head	--	--	--	178,424	280.98	Total all costs	Dol	--	--	--	480,188	756.20
Cash costs:							Return above cash costs:						
Federal grazing fees 3/	AM	2,332.0	--	1.86	4,338	6.83	Return above cash costs: and family labor	Dol	--	--	--	70,658	111.27
Private pasture lease	AUM	3,388.8	--	9.23	31,279	49.26	Return to total investment 14/ Return to land 15/	Dol	--	--	--	37,559	59.15
Other pasture lease 4/	AUM	--	--	--	--	--		Dol	--	--	--	-20,765	-32.70
State land lease	AUM	--	--	--	--	--							
Irrigated pasture	AUM	--	--	--	--	--							
Hay produced	Ton	270.3	--	36.89	9,971	15.70							
Hay purchased	Ton	30.0	--	71.17	2,135	3.36							
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Table 180—Beef cow enterprises with 1,000 or more cows, Lassen National Forest, Northeastern California, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																																											
Production:							Cash costs--Continued																																																																																																																																																																																																																																																																	
Bred cows 1/	Head	1,589	--	--	--	--	Protein supplement 5/	Ton	79.8	--	232.80	18,577	11.69																																																																																																																																																																																																																																																											
Annual cow loss	Head	32	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																																											
Cows culled	Head	254	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--																																																																																																																																																																																																																																																											
Calves born alive	Head	1,430	--	--	--	--	Salt and mineral	Cwt	556.0	--	6.69	3,720	2.34																																																																																																																																																																																																																																																											
Calves lost birth to weaning	Head	86	--	--	--	--	Veterinary & medicine	Dol	--	--	--	9,149	5.76																																																																																																																																																																																																																																																											
Steer calves weaned	Head	672	--	--	--	--	Hired trucking	Dol	--	--	--	1,802	1.13																																																																																																																																																																																																																																																											
Sold as weaners	Head	326	--	--	--	--	Marketing 6/	Dol	--	--	--	2,630	1.66																																																																																																																																																																																																																																																											
Lost after weaning	Head	7	--	--	--	--	General overhead 7/	Dol	--	--	--	9,000	5.66																																																																																																																																																																																																																																																											
Sold as yearlings	Head	339	--	--	--	--	Hired labor	Hrs	9,832.0	--	4.66	45,817	28.83																																																																																																																																																																																																																																																											
Heifer calves weaned	Head	672	--	--	--	--	Fuel and lubricants	Dol	--	--	--	3,896	2.45																																																																																																																																																																																																																																																											
Sold as weaners	Head	166	--	--	--	--	Repairs	Dol	--	--	--	4,591	2.89																																																																																																																																																																																																																																																											
Lost after weaning	Head	10	--	--	--	--	Taxes 8/	Dol	--	--	--	15,552	9.79																																																																																																																																																																																																																																																											
Sold as yearlings	Head	210	--	--	--	--	Insurance	Dol	--	--	--	6,671	4.20																																																																																																																																																																																																																																																											
Kept for herd replacement 2/	Head	286	--	--	--	--	Interest on operating capital 9/	Dol	116,145.0	--	0.15	17,422	10.96																																																																																																																																																																																																																																																											
Bulls	Head	93	--	--	--	--	Total cash costs	Dol	--	--	--	253,010	159.23																																																																																																																																																																																																																																																											
Sales:							Other costs:																																																																																																																																																																																																																																																																	
Steer calves	Head	326	430	65.67	92,056	--	Family labor 10/	Hrs	8,278.0	--	4.66	38,575	24.28																																																																																																																																																																																																																																																											
Heifer calves	Head	166	405	54.60	36,708	--	Capital replacement 11/	Dol	--	--	--	32,500	20.45																																																																																																																																																																																																																																																											
Yearling steers	Head	339	740	58.33	146,327	--	Interest on investment other than land 13/	Dol	--	--	--	136,771	86.07																																																																																																																																																																																																																																																											
Yearling heifers	Head	210	690	52.12	75,522	--	Interest on land 13/	Dol	--	--	--	362,643	228.22																																																																																																																																																																																																																																																											
Cull cows	Head	254	1,020	37.71	97,699	--	Total other costs	Dol	--	--	--	570,489	359.02																																																																																																																																																																																																																																																											
Total sales	Head	--	--	--	448,312	282.13	Total all costs	Dol	--	--	--	823,499	518.25																																																																																																																																																																																																																																																											
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																																	
Federal grazing fees 3/	AM	4,050.0	--	1.86	7,533	4.74	Return above cash costs:	Dol	--	--	--	195,302	122.91																																																																																																																																																																																																																																																											
Private pasture lease	AUM	7,557.6	--	9.23	69,757	43.90	Return above cash costs: and family labor	Dol	--	--	--	156,727	98.63																																																																																																																																																																																																																																																											
Other pasture lease 4/	AUM	--	--	--	--	--	Return to total investment 14/	Dol	--	--	--	124,227	78.18																																																																																																																																																																																																																																																											
State land lease	AUM	197.0	--	1.63	321	0.20	Return to land 15/	Dol	--	--	--	-12,544	-7.89																																																																																																																																																																																																																																																											
Irrigated pasture	AUM	--	--	--	--	--																																																																																																																																																																																																																																																																		
Hay produced	Ton	816.4	--	36.89	30,117	18.95																																																																																																																																																																																																																																																																		
Hay purchased	Ton	90.7	--	71.17	6,455	4.06																																																																																																																																																																																																																																																																		
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td colspan="14">Feed source:</td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>30.0</td> <td>30.0</td> <td>35.0</td> <td>47.0</td> <td>59.0</td> <td>305.0</td> <td>328.0</td> <td>328.0</td> <td>251.0</td> <td>52.0</td> <td>15.0</td> <td>30.0</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>277.0</td> <td>582.0</td> <td>533.0</td> <td>392.0</td> <td>372.0</td> <td>321.0</td> <td>63.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>1,544.0</td> <td>1,544.0</td> <td>1,544.0</td> <td>200.0</td> <td>388.0</td> <td>420.0</td> <td>456.0</td> <td>474.0</td> <td>490.0</td> <td>492.0</td> <td>2.8</td> <td>2.8</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>47.0</td> <td>52.0</td> <td>56.0</td> <td>42.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>1,163.8</td> <td>1,525.3</td> <td>1,345.9</td> <td>1,557.0</td> <td>1,621.8</td> <td>1,724.5</td> <td>838.7</td> <td>--</td> <td>--</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>855.0</td> <td>1,879.0</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>127.9</td> <td>187.1</td> <td>232.1</td> <td>232.1</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>127.9</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>13.3</td> <td>13.3</td> <td>13.3</td> <td>13.3</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>13.3</td> <td>13.3</td> </tr> <tr> <td colspan="14">Marketing month:</td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>326.0</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>166.0</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>339.0</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>64.0</td> <td>--</td> <td>146.0</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>254.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:														National Forest 16/	AM	30.0	30.0	35.0	47.0	59.0	305.0	328.0	328.0	251.0	52.0	15.0	30.0	Bureau of Land Management 16/	AM	--	--	--	277.0	582.0	533.0	392.0	372.0	321.0	63.0	--	--	Pasture rent/lease 17/	AUM	1,544.0	1,544.0	1,544.0	200.0	388.0	420.0	456.0	474.0	490.0	492.0	2.8	2.8	State land lease	AUM	--	--	--	--	47.0	52.0	56.0	42.0	--	--	--	--	Deeded rangeland 17/	AUM	--	--	--	1,163.8	1,525.3	1,345.9	1,557.0	1,621.8	1,724.5	838.7	--	--	Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	855.0	1,879.0	--	Hay	Ton	127.9	187.1	232.1	232.1	--	--	--	--	--	--	--	127.9	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	13.3	13.3	13.3	13.3	--	--	--	--	--	--	13.3	13.3	Marketing month:														Steer calves	Head	--	--	--	--	--	--	--	--	--	--	326.0	--	Heifer calves	Head	--	--	--	--	--	--	--	--	--	--	166.0	--	Yearling steers	Head	--	--	--	--	--	--	--	--	--	--	339.0	--	Yearling heifers	Head	--	--	--	--	--	--	--	--	64.0	--	146.0	--	Cull cows	Head	--	--	--	--	--	--	--	--	254.0	--	--	--
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Bureau of Land Management 16/	AM	--	--	--	277.0	582.0	533.0	392.0	372.0	321.0	63.0	--	--																																																																																																																																																																																																																																																											
Pasture rent/lease 17/	AUM	1,544.0	1,544.0	1,544.0	200.0	388.0	420.0	456.0	474.0	490.0	492.0	2.8	2.8																																																																																																																																																																																																																																																											
State land lease	AUM	--	--	--	--	47.0	52.0	56.0	42.0	--	--	--	--																																																																																																																																																																																																																																																											
Deeded rangeland 17/	AUM	--	--	--	1,163.8	1,525.3	1,345.9	1,557.0	1,621.8	1,724.5	838.7	--	--																																																																																																																																																																																																																																																											
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Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	855.0	1,879.0	--																																																																																																																																																																																																																																																											
Hay	Ton	127.9	187.1	232.1	232.1	--	--	--	--	--	--	--	127.9																																																																																																																																																																																																																																																											
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																											
Protein supplement	Ton	13.3	13.3	13.3	13.3	--	--	--	--	--	--	13.3	13.3																																																																																																																																																																																																																																																											
Marketing month:																																																																																																																																																																																																																																																																								
Steer calves	Head	--	--	--	--	--	--	--	--	--	--	326.0	--																																																																																																																																																																																																																																																											
Heifer calves	Head	--	--	--	--	--	--	--	--	--	--	166.0	--																																																																																																																																																																																																																																																											
Yearling steers	Head	--	--	--	--	--	--	--	--	--	--	339.0	--																																																																																																																																																																																																																																																											
Yearling heifers	Head	--	--	--	--	--	--	--	--	64.0	--	146.0	--																																																																																																																																																																																																																																																											
Cull cows	Head	--	--	--	--	--	--	--	--	254.0	--	--	--																																																																																																																																																																																																																																																											

Table 181--Beef cow enterprises with up to 99 cows, Los Padres National Forest, West-Central California, 1982

Item	Unit	Number	Average	Price	Total	Value	Item	Unit	Number	Average	Price	Total	Value													
			weight	per	Value	per				weight	Value	per														
			(pounds)			cow				(pounds)			cow													
Production:							:Cash costs--Continued																			
Bred cows 1/	: Head :	41	--	--	--	--	Protein supplement 5/	: Ton :	0.3	--	232.80	70	1.71													
Annual cow loss	: Head :	1	--	--	--	--	Grain	: Bu :	--	--	--	--	--													
Cows culled	: Head :	6	--	--	--	--	Miscellaneous	: Ton :	--	--	--	--	--													
Calves born alive	: Head :	34	--	--	--	--	Salt and mineral	: Cwt :	14.0	--	6.69	94	2.29													
Calves lost birth to weaning	: Head :	1	--	--	--	--	Veterinary & medicine	: Dol :	--	--	--	181	4.41													
Steer calves weaned	: Head :	16	--	--	--	--	Hired trucking	: Dol :	--	--	--	145	3.54													
Sold as weaners	: Head :	9	--	--	--	--	Marketing 6/	: Dol :	--	--	--	70	1.71													
Lost after weaning	: Head :	--	--	--	--	--	General overhead 7/	: Dol :	--	--	--	595	14.51													
Sold as yearlings	: Head :	7	--	--	--	--	Hired labor	: Hrs :	--	--	--	--	--													
Heifer calves weaned	: Head :	17	--	--	--	--	Fuel and lubricants	: Dol :	--	--	--	1,043	25.44													
Sold as weaners	: Head :	5	--	--	--	--	Repairs	: Dol :	--	--	--	719	17.54													
Lost after weaning	: Head :	--	--	--	--	--	Taxes 8/	: Dol :	--	--	--	1,396	34.05													
Sold as yearlings	: Head :	5	--	--	--	--	Insurance	: Dol :	--	--	--	215	5.24													
Kept for herd replacement 2/	: Head :	7	--	--	--	--	Interest on operating capital 9/	: Dol :	2,253.0	--	0.15	338	8.24													
Bulls	: Head :	2	--	--	--	--	Total cash costs	: Dol :	--	--	--	5,151	125.63													
Sales:							:Other costs:																			
Steer calves	: Head :	9	475	64.00	2,736	--	Family labor 10/	: Hrs :	623.0	--	4.66	2,903	70.80													
Heifer calves	: Head :	5	425	53.50	1,137	--	Capital replacement 11/	: Dol :	--	--	--	2,114	51.56													
Yearling steers	: Head :	7	700	62.25	3,050	--	Interest on investment other than land 13/	: Dol :	--	--	--	4,321	105.39													
Yearling heifers	: Head :	5	625	55.75	1,742	--	Interest on land 13/	: Dol :	--	--	--	31,936	778.93													
Cull cows	: Head :	6	1,000	40.66	2,440	--	Total other costs	: Dol :	--	--	--	41,274	1006.68													
Total sales	: Head :	--	--	--	11,105	270.85	Total all costs	: Dol :	--	--	--	46,425	1132.32													
Cash costs:							:Return above cash costs:																			
Federal grazing fees 3/	: AM :	153.0	--	1.86	285	6.95	Return above cash costs: and family labor	: Dol :	--	--	--	5,954	145.22													
Private pasture lease	: AUM :	--	--	--	--	--	Return to total investment 14/	: Dol :	--	--	--	937	22.85													
Other pasture lease 4/	: AUM :	--	--	--	--	--	Return to land 15/	: Dol :	--	--	--	-3,384	-82.54													
State land lease	: AUM :	--	--	--	--	--																				
Irrigated pasture	: AUM :	--	--	--	--	--																				
Hay produced	: Ton :	--	--	--	--	--																				
Hay purchased	: Ton :	--	--	--	--	--																				
<table border="0"> <tr> <td></td> <td>: Jan. :</td> <td>: Feb. :</td> <td>: Mar. :</td> <td>: Apr. :</td> <td>: May :</td> <td>: June :</td> <td>: July :</td> <td>: Aug. :</td> <td>: Sept. :</td> <td>: Oct. :</td> <td>: Nov. :</td> <td>: Dec. :</td> </tr> </table>															: Jan. :	: Feb. :	: Mar. :	: Apr. :	: May :	: June :	: July :	: Aug. :	: Sept. :	: Oct. :	: Nov. :	: Dec. :
	: Jan. :	: Feb. :	: Mar. :	: Apr. :	: May :	: June :	: July :	: Aug. :	: Sept. :	: Oct. :	: Nov. :	: Dec. :														
Feed source:																										
National Forest 16/	: AM :	5.0	5.0	7.0	20.0	20.0	24.0	19.0	15.0	14.0	13.0	6.0	5.0													
Bureau of Land Management 16/	: AM :	--	--	--	--	--	--	--	--	--	--	--	--													
Pasture rent/lease 17/	: AUM :	--	--	--	--	--	--	--	--	--	--	--	--													
State land lease	: AUM :	--	--	--	--	--	--	--	--	--	--	--	--													
Deeded rangeland 17/	: AUM :	47.6	53.1	54.2	42.0	45.8	44.3	53.5	60.3	59.0	42.3	46.0	47.6													
Irrigated pasture 17/	: AUM :	--	--	--	--	--	--	--	--	--	--	--	--													
Crop residue 17/	: AUM :	--	--	--	--	--	--	--	--	--	--	--	--													
Hay	: Ton :	--	--	--	--	--	--	--	--	--	--	--	--													
Grain	: Bu :	--	--	--	--	--	--	--	--	--	--	--	--													
Protein supplement	: Ton :	0.1	0.1	0.1	--	--	--	--	--	--	--	--	--													
Marketing month:																										
Steer calves	: Head :	--	--	--	--	--	9.0	--	--	--	--	--	--													
Heifer calves	: Head :	--	--	--	--	--	5.0	--	--	--	--	--	--													
Yearling steers	: Head :	--	--	--	--	7.0	--	--	--	--	--	--	--													
Yearling heifers	: Head :	--	--	--	--	3.0	--	2.0	--	--	--	--	--													
Cull cows	: Head :	--	--	--	--	--	6.0	--	--	--	--	--	--													

Table 182--Beef cow enterprises with 100-499 cows, Los Padres National Forest, West-Central California, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item ¹	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow
Production:							Cash costs--Continued						
Bred cows 1/	Head	194	--	--	--	--	Protein supplement 5/	Ton	1.4	--	232.80	326	1.68
Annual cow loss	Head	4	--	--	--	--	Grain	Bu	--	--	--	--	--
Cows culled	Head	29	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--
Calves born alive	Head	159	--	--	--	--	Salt and mineral	Cwt	68.0	--	6.69	455	2.35
Calves lost birth to weaning	Head	3	--	--	--	--	Veterinary & medicine	Dol	--	--	--	937	4.83
Steer calves weaned	Head	78	--	--	--	--	Hired trucking	Dol	--	--	--	603	3.11
Sold as weaners	Head	39	--	--	--	--	Marketing 6/	Dol	--	--	--	195	1.01
Lost after weaning	Head	1	--	--	--	--	General overhead 7/	Dol	--	--	--	2,606	13.43
Sold as yearlings	Head	38	--	--	--	--	Hired labor	Hrs	541.0	--	4.66	2,521	12.99
Heifer calves weaned	Head	78	--	--	--	--	Fuel and lubricants	Dol	--	--	--	4,462	23.00
Sold as weaners	Head	22	--	--	--	--	Repairs	Dol	--	--	--	3,225	16.62
Lost after weaning	Head	1	--	--	--	--	Taxes 8/	Dol	--	--	--	5,829	30.05
Sold as yearlings	Head	22	--	--	--	--	Insurance	Dol	--	--	--	934	4.81
Kept for herd replacement 2/	Head	33	--	--	--	--	Interest on operating capital 9/	Dol	11,358.0	--	0.15	1,704	8.78
Bulls	Head	11	--	--	--	--	Total cash costs	Dol	--	--	--	31,537	162.56
Sales:							Other costs:						
Steer calves	Head	39	475	64.00	11,856	--	Family labor 10/	Hrs	1,625.0	--	4.66	7,573	39.04
Heifer calves	Head	22	425	53.50	5,002	--	Capital replacement 11/	Dol	--	--	--	8,654	44.61
Yearling steers	Head	38	700	62.25	16,559	--	Interest on investment other than land 13/	Dol	--	--	--	19,505	100.54
Yearling heifers	Head	22	625	55.75	7,666	--	Interest on land 13/	Dol	--	--	--	134,002	690.73
Cull cows	Head	29	1,000	40.66	11,791	--	Total other costs	Dol	--	--	--	169,734	874.92
Total sales	Head	--	--	--	52,874	272.55	Total all costs	Dol	--	--	--	201,271	1037.48
Cash costs:							Return above cash costs:						
Federal grazing fees 3/	AM	800.0	--	1.86	1,488	7.67	and family labor	Dol	--	--	--	13,764	70.95
Private pasture lease	AUM	677.4	--	9.23	6,252	32.23	Return to total investment 14/	Dol	--	--	--	5,110	26.34
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-14,395	-74.20
State land lease	AUM	--	--	--	--	--							
Irrigated pasture	AUM	--	--	--	--	--							
Hay produced	Ton	--	--	--	--	--							
Hay purchased	Ton	--	--	--	--	--							
: : : Jan. : Feb. : Mar. : Apr. : May : June : July : Aug. : Sept. : Oct. : Nov. : Dec.													
Feed source:													
National Forest 16/	AM	49.0	54.0	69.0	78.0	80.0	80.0	77.0	65.0	63.0	64.0	64.0	57.0
Bureau of Land Management 16/	AM	--	--	--	--	--	--	--	--	--	--	--	--
Pasture rent/lease 17/	AUM	50.0	53.5	52.6	54.4	58.8	62.8	66.4	72.5	63.1	49.8	45.5	48.0
State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--	--
Deeded rangeland 17/	AUM	150.1	160.4	157.7	163.2	176.5	188.5	199.2	217.4	189.3	149.3	136.5	144.1
Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--
Hay	Ton	--	--	--	--	--	--	--	--	--	--	--	--
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--
Protein supplement	Ton	0.4	0.4	0.4	--	--	--	--	--	--	--	--	0.2
Marketing month:													
Steer calves	Head	--	--	--	--	--	--	39.0	--	--	--	--	--
Heifer calves	Head	--	--	--	--	--	--	22.0	--	--	--	--	--
Yearling steers	Head	--	--	--	--	38.0	--	--	--	--	--	--	--
Yearling heifers	Head	--	--	--	--	15.0	--	7.0	--	--	--	--	--
Cull cows	Head	--	--	--	--	--	--	29.0	--	--	--	--	--

Table 183--Beef cow enterprises with 500 or more cows, Los Padres National Forest, West-Central California, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																																											
Production:							Cash costs--Continued																																																																																																																																																																																																																																																																	
Bred cows 1/	Head	1,972					Protein supplement 5/	Ton	14.8		232.80	3,445	1.75																																																																																																																																																																																																																																																											
Annual cow loss	Head	39					Grain	Bu																																																																																																																																																																																																																																																																
Cows culled	Head	296					Miscellaneous	Ton																																																																																																																																																																																																																																																																
Calves born alive	Head	1,617					Salt and mineral	Cwt	690.0		6.69	4,616	2.34																																																																																																																																																																																																																																																											
Calves lost birth to weaning	Head	24					Veterinary & medicine	Dol				7,525	3.82																																																																																																																																																																																																																																																											
Steer calves weaned	Head	796					Hired trucking	Dol				19,033	9.65																																																																																																																																																																																																																																																											
Sold as weaners	Head	399					Marketing 6/	Dol				7,930	4.02																																																																																																																																																																																																																																																											
Lost after weaning	Head	8					General overhead 7/	Dol				25,718	13.04																																																																																																																																																																																																																																																											
Sold as yearlings	Head	389					Hired labor	Hrs	13,508.0		4.66	62,947	31.92																																																																																																																																																																																																																																																											
Heifer calves weaned	Head	797					Fuel and lubricants	Dol				8,159	4.14																																																																																																																																																																																																																																																											
Sold as weaners	Head	231					Repairs	Dol				13,136	6.66																																																																																																																																																																																																																																																											
Lost after weaning	Head	15					Taxes 8/	Dol				8,530	4.33																																																																																																																																																																																																																																																											
Sold as yearlings	Head	216					Insurance	Dol				8,169	4.14																																																																																																																																																																																																																																																											
Kept for herd replacement 2/	Head	335					Interest on operating capital 9/	Dol	151,277.0		0.15	22,692	11.51																																																																																																																																																																																																																																																											
Bulls	Head	116					Total cash costs	Dol				360,009	182.56																																																																																																																																																																																																																																																											
Sales:							Other costs:																																																																																																																																																																																																																																																																	
Steer calves	Head	399	475	64.00	121,296		Family labor 10/	Hrs	5,789.0		4.66	26,977	13.68																																																																																																																																																																																																																																																											
Heifer calves	Head	231	425	53.50	52,524		Capital replacement 11/	Dol				45,266	22.95																																																																																																																																																																																																																																																											
Yearling steers	Head	389	700	62.25	169,507		Interest on investment other than land 13/	Dol				171,045	86.74																																																																																																																																																																																																																																																											
Yearling heifers	Head	216	625	55.75	75,263		Interest on land 13/	Dol				177,202	89.86																																																																																																																																																																																																																																																											
Cull cows	Head	296	1,000	40.66	120,354		Total other costs	Dol				420,490	213.23																																																																																																																																																																																																																																																											
Total sales	Head				538,944	273.30	Total all costs	Dol				780,499	395.79																																																																																																																																																																																																																																																											
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																																	
Federal grazing fees 3/	AM	1,642.0		1.86	3,054	1.55	and family labor	Dol				178,935	90.74																																																																																																																																																																																																																																																											
Private pasture lease	AUM	17,882.4		9.23	165,055	83.70	Return to total investment 14/	Dol				151,958	77.06																																																																																																																																																																																																																																																											
Other pasture lease 4/	AUM						Return to land 15/	Dol																																																																																																																																																																																																																																																																
State land lease	AUM																																																																																																																																																																																																																																																																							
Irrigated pasture	AUM																																																																																																																																																																																																																																																																							
Hay produced	Ton																																																																																																																																																																																																																																																																							
Hay purchased	Ton																																																																																																																																																																																																																																																																							
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td colspan="14">Feed source:</td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>86.0</td> <td>86.0</td> <td>86.0</td> <td>162.0</td> <td>179.0</td> <td>196.0</td> <td>196.0</td> <td>157.0</td> <td>157.0</td> <td>140.0</td> <td>111.0</td> <td>86.0</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>1,222.9</td> <td>1,341.1</td> <td>1,435.2</td> <td>1,412.2</td> <td>1,620.4</td> <td>1,723.2</td> <td>1,771.2</td> <td>1,823.4</td> <td>1,755.8</td> <td>1,358.0</td> <td>1,196.1</td> <td>1,222.9</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>1,222.9</td> <td>1,341.1</td> <td>1,435.2</td> <td>1,412.2</td> <td>1,620.4</td> <td>1,723.2</td> <td>1,771.2</td> <td>1,823.4</td> <td>1,755.9</td> <td>1,358.0</td> <td>1,196.1</td> <td>1,222.9</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>3.7</td> <td>3.7</td> <td>3.7</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>3.7</td> </tr> <tr> <td colspan="14">Marketing month:</td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>399.0</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>231.0</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td></td> <td></td> <td></td> <td></td> <td>389.0</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td></td> <td></td> <td></td> <td></td> <td>216.0</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>296.0</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:														National Forest 16/	AM	86.0	86.0	86.0	162.0	179.0	196.0	196.0	157.0	157.0	140.0	111.0	86.0	Bureau of Land Management 16/	AM													Pasture rent/lease 17/	AUM	1,222.9	1,341.1	1,435.2	1,412.2	1,620.4	1,723.2	1,771.2	1,823.4	1,755.8	1,358.0	1,196.1	1,222.9	State land lease	AUM													Deeded rangeland 17/	AUM	1,222.9	1,341.1	1,435.2	1,412.2	1,620.4	1,723.2	1,771.2	1,823.4	1,755.9	1,358.0	1,196.1	1,222.9	Irrigated pasture 17/	AUM													Crop residue 17/	AUM													Hay	Ton													Grain	Bu													Protein supplement	Ton	3.7	3.7	3.7									3.7	Marketing month:														Steer calves	Head						399.0							Heifer calves	Head						231.0							Yearling steers	Head					389.0								Yearling heifers	Head					216.0								Cull cows	Head						296.0						
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																																												
Feed source:																																																																																																																																																																																																																																																																								
National Forest 16/	AM	86.0	86.0	86.0	162.0	179.0	196.0	196.0	157.0	157.0	140.0	111.0	86.0																																																																																																																																																																																																																																																											
Bureau of Land Management 16/	AM																																																																																																																																																																																																																																																																							
Pasture rent/lease 17/	AUM	1,222.9	1,341.1	1,435.2	1,412.2	1,620.4	1,723.2	1,771.2	1,823.4	1,755.8	1,358.0	1,196.1	1,222.9																																																																																																																																																																																																																																																											
State land lease	AUM																																																																																																																																																																																																																																																																							
Deeded rangeland 17/	AUM	1,222.9	1,341.1	1,435.2	1,412.2	1,620.4	1,723.2	1,771.2	1,823.4	1,755.9	1,358.0	1,196.1	1,222.9																																																																																																																																																																																																																																																											
Irrigated pasture 17/	AUM																																																																																																																																																																																																																																																																							
Crop residue 17/	AUM																																																																																																																																																																																																																																																																							
Hay	Ton																																																																																																																																																																																																																																																																							
Grain	Bu																																																																																																																																																																																																																																																																							
Protein supplement	Ton	3.7	3.7	3.7									3.7																																																																																																																																																																																																																																																											
Marketing month:																																																																																																																																																																																																																																																																								
Steer calves	Head						399.0																																																																																																																																																																																																																																																																	
Heifer calves	Head						231.0																																																																																																																																																																																																																																																																	
Yearling steers	Head					389.0																																																																																																																																																																																																																																																																		
Yearling heifers	Head					216.0																																																																																																																																																																																																																																																																		
Cull cows	Head						296.0																																																																																																																																																																																																																																																																	

Table 184--Beef cow enterprises with up to 299 cows, Mendocino National Forest, Northwest California, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																																											
Production:							Cash costs--Continued																																																																																																																																																																																																																																																																	
Bred cows <u>1/</u>	Head	111					Protein supplement <u>5/</u>	Ton	0.8		232.80	186	1.68																																																																																																																																																																																																																																																											
Annual cow loss	Head	5					Grain	Bu																																																																																																																																																																																																																																																																
Cows culled	Head	3					Miscellaneous	Ton																																																																																																																																																																																																																																																																
Calves born alive	Head	78					Salt and mineral	Cwt	39.0		6.69	261	2.35																																																																																																																																																																																																																																																											
Calves lost birth to weaning	Head	4					Veterinary & medicine	Dol				679	6.12																																																																																																																																																																																																																																																											
Steer calves weaned	Head	37					Hired trucking	Dol				567	5.11																																																																																																																																																																																																																																																											
Sold as weaners	Head	24					Marketing <u>6/</u>	Dol				503	4.53																																																																																																																																																																																																																																																											
Lost after weaning	Head						General overhead <u>7/</u>	Dol				1,490	13.42																																																																																																																																																																																																																																																											
Sold as yearlings	Head	13					Hired labor	Hrs	222.0		4.66	1,035	9.32																																																																																																																																																																																																																																																											
Heifer calves weaned	Head	37					Fuel and lubricants	Dol				2,009	18.10																																																																																																																																																																																																																																																											
Sold as weaners	Head	7					Repairs	Dol				1,752	15.78																																																																																																																																																																																																																																																											
Lost after weaning	Head						Taxes <u>8/</u>	Dol				1,894	17.06																																																																																																																																																																																																																																																											
Sold as yearlings	Head	22					Insurance	Dol				516	4.65																																																																																																																																																																																																																																																											
Kept for herd replacement <u>2/</u>	Head	8					Interest on operating capital <u>9/</u>	Dol	7,780.8		0.15	1,167	10.51																																																																																																																																																																																																																																																											
Bulls	Head	6					Total cash costs	Dol				25,399	228.82																																																																																																																																																																																																																																																											
Sales:							Other costs:																																																																																																																																																																																																																																																																	
Steer calves	Head	24	433	64.50	6,703		Family labor <u>10/</u>	Hrs	1,443.0		4.66	6,724	60.58																																																																																																																																																																																																																																																											
Heifer calves	Head	7	425	55.12	1,640		Capital replacement <u>11/</u>	Dol				4,955	44.64																																																																																																																																																																																																																																																											
Yearling steers	Head	13	600	61.62	4,806		Interest on investment other than land <u>13/</u>	Dol				10,957	98.71																																																																																																																																																																																																																																																											
Yearling heifers	Head	22	550	53.00	6,413		Interest on land <u>13/</u>	Dol				40,853	368.05																																																																																																																																																																																																																																																											
Cull cows	Head	3	1,000	40.78	1,223		Total other costs	Dol				63,489	571.97																																																																																																																																																																																																																																																											
Total sales	Head				20,785	187.25	Total all costs	Dol				88,888	800.79																																																																																																																																																																																																																																																											
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																																	
Federal grazing fees <u>3/</u>	AM	365.0		1.86	679	6.12	Return above cash costs and family labor	Dol				-4,614	-41.57																																																																																																																																																																																																																																																											
Private pasture lease	AUM	840.0		9.23	7,753	69.85	Return to total investment <u>14/</u>	Dol				-16,293	-146.78																																																																																																																																																																																																																																																											
Other pasture lease <u>4/</u>	AUM						Return to land <u>15/</u>	Dol				-27,250	-245.50																																																																																																																																																																																																																																																											
State land lease	AUM																																																																																																																																																																																																																																																																							
Irrigated pasture	AUM	97.0		4.25	412	3.71																																																																																																																																																																																																																																																																		
Hay produced	Ton	41.6		36.89	1,535	13.83																																																																																																																																																																																																																																																																		
Hay purchased	Ton	41.6		71.17	2,961	26.68																																																																																																																																																																																																																																																																		
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td colspan="14">Feed source:</td> </tr> <tr> <td>National Forest <u>16/</u></td> <td>AM</td> <td>4.0</td> <td>4.0</td> <td>12.0</td> <td>33.0</td> <td>57.0</td> <td>60.0</td> <td>58.0</td> <td>60.0</td> <td>48.0</td> <td>21.0</td> <td>4.0</td> <td>4.0</td> </tr> <tr> <td>Bureau of Land Management <u>16/</u></td> <td>AM</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Pasture rent/lease <u>17/</u></td> <td>AUM</td> <td>34.3</td> <td>41.3</td> <td>81.5</td> <td>88.0</td> <td>83.2</td> <td>89.3</td> <td>89.0</td> <td>89.9</td> <td>98.0</td> <td>79.9</td> <td>33.3</td> <td>32.3</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Deeded rangeland <u>17/</u></td> <td>AUM</td> <td>30.3</td> <td>36.9</td> <td>67.1</td> <td>45.1</td> <td>5.7</td> <td>2.6</td> <td>5.1</td> <td>3.1</td> <td>32.8</td> <td>51.4</td> <td>29.3</td> <td>28.2</td> </tr> <tr> <td>Irrigated pasture <u>17/</u></td> <td>AUM</td> <td></td> <td></td> <td></td> <td></td> <td>22.7</td> <td>24.4</td> <td>24.8</td> <td>25.1</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Crop residue <u>17/</u></td> <td>AUM</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>4.1</td> <td>4.2</td> <td>4.0</td> <td>3.3</td> <td></td> <td></td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>20.8</td> <td>20.8</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>20.8</td> <td>20.8</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>0.8</td> </tr> <tr> <td colspan="14">Marketing month:</td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>24.0</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>7.0</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>13.0</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>21.0</td> <td></td> <td></td> <td></td> <td></td> <td>1.0</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>3.0</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:														National Forest <u>16/</u>	AM	4.0	4.0	12.0	33.0	57.0	60.0	58.0	60.0	48.0	21.0	4.0	4.0	Bureau of Land Management <u>16/</u>	AM													Pasture rent/lease <u>17/</u>	AUM	34.3	41.3	81.5	88.0	83.2	89.3	89.0	89.9	98.0	79.9	33.3	32.3	State land lease	AUM													Deeded rangeland <u>17/</u>	AUM	30.3	36.9	67.1	45.1	5.7	2.6	5.1	3.1	32.8	51.4	29.3	28.2	Irrigated pasture <u>17/</u>	AUM					22.7	24.4	24.8	25.1					Crop residue <u>17/</u>	AUM							4.1	4.2	4.0	3.3			Hay	Ton	20.8	20.8									20.8	20.8	Grain	Bu													Protein supplement	Ton												0.8	Marketing month:														Steer calves	Head							24.0						Heifer calves	Head							7.0						Yearling steers	Head							13.0						Yearling heifers	Head							21.0					1.0	Cull cows	Head						3.0						
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																																												
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National Forest <u>16/</u>	AM	4.0	4.0	12.0	33.0	57.0	60.0	58.0	60.0	48.0	21.0	4.0	4.0																																																																																																																																																																																																																																																											
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Pasture rent/lease <u>17/</u>	AUM	34.3	41.3	81.5	88.0	83.2	89.3	89.0	89.9	98.0	79.9	33.3	32.3																																																																																																																																																																																																																																																											
State land lease	AUM																																																																																																																																																																																																																																																																							
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Irrigated pasture <u>17/</u>	AUM					22.7	24.4	24.8	25.1																																																																																																																																																																																																																																																															
Crop residue <u>17/</u>	AUM							4.1	4.2	4.0	3.3																																																																																																																																																																																																																																																													
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Yearling heifers	Head							21.0					1.0																																																																																																																																																																																																																																																											
Cull cows	Head						3.0																																																																																																																																																																																																																																																																	

Table 185--Beef cow enterprises with 300 or more cows, Mendocino National Forest, Northwest California, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																																											
Production:							Cash costs--Continued																																																																																																																																																																																																																																																																	
Bred cows 1/	Head	669					Protein supplement 5/	Ton	5.0		232.80	1,164	1.74																																																																																																																																																																																																																																																											
Annual cow loss	Head	33					Grain	BU																																																																																																																																																																																																																																																																
Cows culled	Head	40					Miscellaneous	Ton																																																																																																																																																																																																																																																																
Calves born alive	Head	468					Salt and mineral	Cwt	234.0		6.69	1,565	2.34																																																																																																																																																																																																																																																											
Calves lost birth to weaning	Head	23					Veterinary & medicine	Dol				2,588	3.87																																																																																																																																																																																																																																																											
Steer calves weaned	Head	222					Hired trucking	Dol				1,492	2.23																																																																																																																																																																																																																																																											
Sold as weaners	Head	145					Marketing 6/	Dol				913	1.36																																																																																																																																																																																																																																																											
Lost after weaning	Head	2					General overhead 7/	Dol				5,948	8.89																																																																																																																																																																																																																																																											
Sold as yearlings	Head	75					Hired labor	Hrs	2,676.0		4.66	12,470	18.64																																																																																																																																																																																																																																																											
Heifer calves weaned	Head	223					Fuel and lubricants	Dol				6,358	9.50																																																																																																																																																																																																																																																											
Sold as weaners	Head	37					Repairs	Dol				6,418	9.59																																																																																																																																																																																																																																																											
Lost after weaning	Head	4					Taxes 8/	Dol				10,047	15.02																																																																																																																																																																																																																																																											
Sold as yearlings	Head	109					Insurance	Dol				2,831	4.23																																																																																																																																																																																																																																																											
Kept for herd replacement 2/	Head	73					Interest on operating capital 9/	Dol	41,882.8		0.15	6,282	9.39																																																																																																																																																																																																																																																											
Bulls	Head	33					Total cash costs	Dol				128,260	191.72																																																																																																																																																																																																																																																											
Sales:							Other costs:																																																																																																																																																																																																																																																																	
Steer calves	Head	145	433	64.50	40,496		Family labor 10/	Hrs	3,345.0		4.66	15,587	23.30																																																																																																																																																																																																																																																											
Heifer calves	Head	37	425	55.12	8,668		Capital replacement 11/	Dol				17,733	26.51																																																																																																																																																																																																																																																											
Yearling steers	Head	75	600	61.60	27,720		Interest on investment other than land 13/	Dol				58,131	86.89																																																																																																																																																																																																																																																											
Yearling heifers	Head	109	550	53.00	31,774		Interest on land 13/	Dol				228,520	341.58																																																																																																																																																																																																																																																											
Cull cows	Head	40	1,000	40.78	16,312		Total other costs	Dol				319,971	478.28																																																																																																																																																																																																																																																											
Total sales	Head				124,970	186.80	Total all costs	Dol				448,231	670.00																																																																																																																																																																																																																																																											
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																																	
Federal grazing fees 3/	AM	1,318.0		1.86	2,451	3.66	Return above cash costs and family labor	Dol				-18,877	-28.22																																																																																																																																																																																																																																																											
Private pasture lease 4/	AUM	4,132.7		9.23	38,145	57.02	Return to total investment 14/	Dol				-36,610	-54.72																																																																																																																																																																																																																																																											
Other pasture lease 4/	AUM						Return to land 15/	Dol				-94,741	-141.62																																																																																																																																																																																																																																																											
State land lease	AUM																																																																																																																																																																																																																																																																							
Irrigated pasture	AUM	582.4		4.25	2,475	3.70																																																																																																																																																																																																																																																																		
Hay produced	Ton	250.9		36.89	9,256	13.84																																																																																																																																																																																																																																																																		
Hay purchased	Ton	250.9		71.17	17,857	26.69																																																																																																																																																																																																																																																																		
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	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																																												
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Heifer calves	Head							37.0																																																																																																																																																																																																																																																																
Yearling steers	Head							75.0																																																																																																																																																																																																																																																																
Yearling heifers	Head							93.0					16.0																																																																																																																																																																																																																																																											
Cull cows	Head						40.0																																																																																																																																																																																																																																																																	

Table 186--Beef cow enterprises with up to 99 cows, Modoc National Forest, Northeast California, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow
Production:							Cash costs--Continued						
Bred cows 1/	Head	50					Protein supplement 5/	Ton					
Annual cow loss	Head	1					Grain	Bu					
Cows culled	Head	7					Miscellaneous	Ton					
Calves born alive	Head	45					Salt and mineral	Cwt	18.0		6.69	120	2.40
Calves lost birth to weaning	Head	3					Veterinary & medicine	Dol				233	4.66
Steer calves weaned	Head	21					Hired trucking	Dol				36	.72
Sold as weaners	Head	11					Marketing 6/	Dol				104	2.08
Lost after weaning	Head						General overhead 7/	Dol				597	11.94
Sold as yearlings	Head	10					Hired labor	Hrs	200.0		4.66	932	18.64
Heifer calves weaned	Head	21					Fuel and lubricants	Dol				723	14.46
Sold as weaners	Head	6					Repairs	Dol				792	15.84
Lost after weaning	Head						Taxes 8/	Dol				1,645	32.90
Sold as yearlings	Head	7					Insurance	Dol				279	5.58
Kept for herd replacement 2/	Head	8					Interest on operating capital 9/	Dol	5,123.0		0.15	768	15.36
Bulls	Head	3					Total cash costs	Dol				11,671	233.42
Sales:							Other costs:						
Steer calves	Head	11	430	65.44	3,095		Family labor 10/	Hrs	633.0		4.66	2,950	59.00
Heifer calves	Head	6	405	54.08	1,314		Capital replacement 11/	Dol				2,555	51.10
Yearling steers	Head	10	740	59.75	4,422		Interest on investment other than land 13/	Dol				5,456	109.12
Yearling heifers	Head	7	690	53.95	2,606		Interest on land 13/	Dol				37,307	746.14
Cull cows	Head	7	1,050	37.71	2,772		Total other costs	Dol				48,268	965.36
Total sales	Head				14,209	284.18	Total all costs	Dol				59,939	1198.78
Cash costs:							Return above cash costs:						
Federal grazing fees 3/	AM	196.0		1.86	365	7.30	Return above cash costs:	Dol				2,538	50.76
Private pasture lease	AUM						Return above cash costs: and family labor	Dol				-412	-8.24
Other pasture lease 4/	AUM						Return to total investment 14/	Dol				-2,967	-59.34
State land lease	AUM						Return to land 15/	Dol				-8,423	-168.46
Irrigated pasture	AUM												
Hay produced	Ton	113.3		36.89	4,180	83.60							
Hay purchased	Ton	12.6		71.17	897	17.94							
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Feed source:													
National Forest 16/	AM				18.0	32.0	34.0	34.0	21.0				
Bureau of Land Management 16/	AM			7.0	10.0	10.0	9.0	9.0	8.0	4.0			
Pasture rent/lease 17/	AUM												
State land lease	AUM												
Deeded rangeland 17/	AUM						34.0	34.9	38.4	59.3	44.0		
Irrigated pasture 17/	AUM												
Crop residue 17/	AUM										30.0	32.0	
Hay	Ton	19.6	21.7	20.4	20.7	14.6						9.3	19.6
Grain	Bu												
Protein supplement	Ton												5.0
Marketing month:													
Steer calves	Head											11.0	
Heifer calves	Head											6.0	
Yearling steers	Head										10.0		
Yearling heifers	Head										7.0		
Cull cows	Head										7.0		

Table 187--Beef cow enterprises with 100-499 cows, Modoc National Forest, Northeast California, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow
Production:							Cash costs--Continued						
Bred cows <u>1/</u>	Head	246	---	---	---	---	Protein supplement <u>5/</u>	Ton	---	---	---	---	---
Annual cow loss	Head	5	---	---	---	---	Grain	Bu	---	---	---	---	---
Cows culled	Head	37	---	---	---	---	Miscellaneous	Ton	---	---	---	---	---
Calves born alive	Head	221	---	---	---	---	Salt and mineral	Cwt	86.0	---	6.69	575	2.34
Calves lost birth to weaning	Head	15	---	---	---	---	Veterinary & medicine	Dol	---	---	---	1,848	7.51
Steer calves weaned	Head	103	---	---	---	---	Hired trucking	Dol	---	---	---	408	1.66
Sold as weaners	Head	53	---	---	---	---	Marketing <u>6/</u>	Dol	---	---	---	1,191	4.84
Lost after weaning	Head	1	---	---	---	---	General overhead <u>7/</u>	Dol	---	---	---	2,687	10.92
Sold as yearlings	Head	49	---	---	---	---	Hired labor	Hrs	1,460.0	---	4.66	6,804	27.66
Heifer calves weaned	Head	103	---	---	---	---	Fuel and lubricants	Dol	---	---	---	3,872	15.74
Sold as weaners	Head	28	---	---	---	---	Repairs	Dol	---	---	---	3,632	14.76
Lost after weaning	Head	1	---	---	---	---	Taxes <u>8/</u>	Dol	---	---	---	7,049	28.65
Sold as yearlings	Head	32	---	---	---	---	Insurance	Dol	---	---	---	1,174	4.77
Kept for herd replacement <u>2/</u>	Head	42	---	---	---	---	Interest on operating capital <u>9/</u>	Dol	27,018.0	---	0.15	4,053	16.48
Bulls	Head	14	---	---	---	---	Total cash costs	Dol	---	---	---	60,691	246.71
Sales:							Other costs:						
Steer calves	Head	53	430	65.44	14,914	---	Family labor <u>10/</u>	Hrs	1,460.0	---	4.66	6,804	27.66
Heifer calves	Head	28	405	54.08	6,133	---	Capital replacement <u>11/</u>	Dol	---	---	---	9,561	38.87
Yearling steers	Head	49	740	59.75	21,665	---	Interest on investment other than land <u>13/</u>	Dol	---	---	---	24,450	99.39
Yearling heifers	Head	32	690	53.95	11,912	---	Interest on land <u>13/</u>	Dol	---	---	---	162,282	659.68
Cull cows	Head	37	1,050	37.71	14,650	---	Total other costs	Dol	---	---	---	203,097	825.60
Total sales	Head	---	---	---	69,274	281.60	Total all costs	Dol	---	---	---	263,788	1072.31
Cash costs:							Return above cash costs:						
Federal grazing fees <u>3/</u>	AM	787.0	---	1.86	1,464	5.95	Return above cash costs: and family labor	Dol	---	---	---	1,779	7.23
Private pasture lease	AUM	246.0	---	9.23	2,271	9.23	Return to total investment <u>14/</u>	Dol	---	---	---	-7,782	-31.63
Other pasture lease <u>4/</u>	AUM	---	---	---	---	---	Return to land <u>15/</u>	Dol	---	---	---	-32,232	-131.02
State land lease	AUM	---	---	---	---	---							
Irrigated pasture	AUM	---	---	---	---	---							
Hay produced	Ton	528.2	---	36.89	19,485	79.21							
Hay purchased	Ton	58.7	---	71.17	4,178	16.98							
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Feed source:													
National Forest <u>16/</u>	AM	---	---	---	---	72.0	105.0	117.0	115.0	99.0	---	---	---
Bureau of Land Management <u>16/</u>	AM	---	---	---	45.0	72.0	51.0	35.0	34.0	31.0	11.0	---	---
Pasture rent/lease <u>17/</u>	AUM	---	---	---	---	---	46.0	50.0	52.0	58.0	40.0	---	---
State land lease	AUM	---	---	---	---	---	---	---	---	---	---	---	---
Deeded rangeland <u>17/</u>	AUM	---	---	---	---	---	189.0	203.6	211.8	233.0	160.5	---	---
Irrigated pasture <u>17/</u>	AUM	---	---	---	---	---	---	---	---	---	---	---	---
Crop residue <u>17/</u>	AUM	---	---	---	---	---	---	---	---	---	146.0	314.0	---
Hay	Ton	96.1	105.7	112.9	104.8	71.3	---	---	---	---	---	---	96.1
Grain	Bu	---	---	---	---	---	---	---	---	---	---	---	---
Protein supplement	Ton	---	---	---	---	---	---	---	---	---	---	---	5.0
Marketing month:													
Steer calves	Head	---	---	---	---	---	---	---	---	---	---	53.0	---
Heifer calves	Head	---	---	---	---	---	---	---	---	---	---	28.0	---
Yearling steers	Head	---	---	---	---	---	---	---	---	---	49.0	---	---
Yearling heifers	Head	---	---	---	---	---	---	---	---	---	32.0	---	---
Cull cows	Head	---	---	---	---	---	---	---	---	---	37.0	---	---

Table 188--Beef cow enterprises with 500-999 cows, Modoc National Forest, Northeast California, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																										
Production:							Cash costs--Continued																																																																																																																																																																																																																																																
Bred cows 1/	Head	712	--	--	--	--	Protein supplement 5/	Ton	16.0	--	232.80	3,725	5.23																																																																																																																																																																																																																																										
Annual cow loss	Head	14	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																										
Cows culled	Head	114	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--																																																																																																																																																																																																																																										
Calves born alive	Head	634	--	--	--	--	Salt and mineral	Cwt	249.0	--	6.69	1,666	2.34																																																																																																																																																																																																																																										
Calves lost birth to weaning	Head	51	--	--	--	--	Veterinary & medicine	Dol	--	--	--	4,719	6.63																																																																																																																																																																																																																																										
Steer calves weaned	Head	291	--	--	--	--	Hired trucking	Dol	--	--	--	457	0.64																																																																																																																																																																																																																																										
Sold as weaners	Head	152	--	--	--	--	Marketing 6/	Dol	--	--	--	1,338	1.88																																																																																																																																																																																																																																										
Lost after weaning	Head	3	--	--	--	--	General overhead 7/	Dol	--	--	--	5,768	8.10																																																																																																																																																																																																																																										
Sold as yearlings	Head	136	--	--	--	--	Hired labor	Hrs	2,625.0	--	4.66	12,233	17.18																																																																																																																																																																																																																																										
Heifer calves weaned	Head	292	--	--	--	--	Fuel and lubricants	Dol	--	--	--	6,100	8.57																																																																																																																																																																																																																																										
Sold as weaners	Head	82	--	--	--	--	Repairs	Dol	--	--	--	5,933	8.33																																																																																																																																																																																																																																										
Lost after weaning	Head	4	--	--	--	--	Taxes 8/	Dol	--	--	--	18,473	25.95																																																																																																																																																																																																																																										
Sold as yearlings	Head	78	--	--	--	--	Insurance	Dol	--	--	--	3,163	4.44																																																																																																																																																																																																																																										
Kept for herd replacement 2/	Head	128	--	--	--	--	Interest on operating capital 9/	Dol	64,174.0	--	0.15	9,626	13.52																																																																																																																																																																																																																																										
Bulls	Head	42	--	--	--	--	Total cash costs	Dol	--	--	--	139,170	195.46																																																																																																																																																																																																																																										
Sales:							Other costs:																																																																																																																																																																																																																																																
Steer calves	Head	152	430	65.44	42,772	--	Family labor 10/	Hrs	2,625.0	--	4.66	12,233	17.18																																																																																																																																																																																																																																										
Heifer calves	Head	82	405	54.08	17,960	--	Capital replacement 11/	Dol	--	--	--	19,502	27.39																																																																																																																																																																																																																																										
Yearling steers	Head	136	740	59.75	60,132	--	Interest on Investment other than land 13/	Dol	--	--	--	64,692	90.86																																																																																																																																																																																																																																										
Yearling heifers	Head	78	690	53.95	29,036	--	Interest on land 13/	Dol	--	--	--	435,495	611.65																																																																																																																																																																																																																																										
Cull cows	Head	114	1,020	37.71	43,849	--	Total other costs	Dol	--	--	--	531,922	747.08																																																																																																																																																																																																																																										
Total sales	Head	--	--	--	193,749	272.12	Total all costs	Dol	--	--	--	671,092	942.54																																																																																																																																																																																																																																										
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																
Federal grazing fees 3/	AM	2,790.0	--	1.86	5,189	7.29	Return above cash costs and family labor	Dol	--	--	--	54,579	76.66																																																																																																																																																																																																																																										
Private pasture lease	AUM	690.0	--	9.23	6,369	8.95	Return to total investment 14/	Dol	--	--	--	22,844	32.08																																																																																																																																																																																																																																										
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-41,848	-58.78																																																																																																																																																																																																																																										
State land lease	AUM	--	--	--	--	--																																																																																																																																																																																																																																																	
Irrigated pasture	AUM	--	--	--	--	--																																																																																																																																																																																																																																																	
Hay produced	Ton	1,214.5	--	36.89	44,803	62.93																																																																																																																																																																																																																																																	
Hay purchased	Ton	135.0	--	71.17	9,608	13.49																																																																																																																																																																																																																																																	
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td>Feed source:</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>National Forest 16/</td> <td></td><td></td><td></td><td>32.0</td><td>132.0</td><td>232.0</td><td>277.0</td><td>290.0</td><td>249.0</td><td>61.0</td><td></td><td></td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td></td><td></td><td></td><td>241.0</td><td>293.0</td><td>272.0</td><td>215.0</td><td>220.0</td><td>175.0</td><td>101.0</td><td></td><td></td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td></td><td></td><td></td><td></td><td>124.0</td><td>110.0</td><td>120.0</td><td>116.0</td><td>140.0</td><td>80.0</td><td></td><td></td> </tr> <tr> <td>State land lease</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>Deeded rangeland 17/</td> <td></td><td></td><td></td><td></td><td>500.5</td><td>443.7</td><td>477.0</td><td>469.3</td><td>557.0</td><td>400.0</td><td></td><td></td> </tr> <tr> <td>Irrigated pasture 17/</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>Crop residue 17/</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>343.6</td><td>876.0</td><td></td> </tr> <tr> <td>Hay</td> <td>261.0</td><td>286.6</td><td>307.9</td><td>233.0</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>261.0</td> </tr> <tr> <td>Grain</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>Protein supplement</td> <td>4.0</td><td>4.0</td><td>4.0</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>4.0</td> </tr> <tr> <td>Marketing month:</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>Steer calves</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>152.0</td><td></td> </tr> <tr> <td>Heifer calves</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>82.0</td><td></td> </tr> <tr> <td>Yearling steers</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>136.0</td><td></td> </tr> <tr> <td>Yearling heifers</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>78.0</td><td></td> </tr> <tr> <td>Cull cows</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>114.0</td><td></td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:													National Forest 16/				32.0	132.0	232.0	277.0	290.0	249.0	61.0			Bureau of Land Management 16/				241.0	293.0	272.0	215.0	220.0	175.0	101.0			Pasture rent/lease 17/					124.0	110.0	120.0	116.0	140.0	80.0			State land lease													Deeded rangeland 17/					500.5	443.7	477.0	469.3	557.0	400.0			Irrigated pasture 17/													Crop residue 17/										343.6	876.0		Hay	261.0	286.6	307.9	233.0								261.0	Grain													Protein supplement	4.0	4.0	4.0									4.0	Marketing month:													Steer calves											152.0		Heifer calves											82.0		Yearling steers											136.0		Yearling heifers											78.0		Cull cows											114.0	
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																											
Feed source:																																																																																																																																																																																																																																																							
National Forest 16/				32.0	132.0	232.0	277.0	290.0	249.0	61.0																																																																																																																																																																																																																																													
Bureau of Land Management 16/				241.0	293.0	272.0	215.0	220.0	175.0	101.0																																																																																																																																																																																																																																													
Pasture rent/lease 17/					124.0	110.0	120.0	116.0	140.0	80.0																																																																																																																																																																																																																																													
State land lease																																																																																																																																																																																																																																																							
Deeded rangeland 17/					500.5	443.7	477.0	469.3	557.0	400.0																																																																																																																																																																																																																																													
Irrigated pasture 17/																																																																																																																																																																																																																																																							
Crop residue 17/										343.6	876.0																																																																																																																																																																																																																																												
Hay	261.0	286.6	307.9	233.0								261.0																																																																																																																																																																																																																																											
Grain																																																																																																																																																																																																																																																							
Protein supplement	4.0	4.0	4.0									4.0																																																																																																																																																																																																																																											
Marketing month:																																																																																																																																																																																																																																																							
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Heifer calves											82.0																																																																																																																																																																																																																																												
Yearling steers											136.0																																																																																																																																																																																																																																												
Yearling heifers											78.0																																																																																																																																																																																																																																												
Cull cows											114.0																																																																																																																																																																																																																																												

Table 189--Beef cow enterprises with 1,000 or more cows, Modoc National Forest, Northeast California, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow											
Production:							Cash costs--Continued																	
Bred cows <u>1/</u>	Head	1,804					Protein supplement <u>5/</u>	Ton	90.0		232.80	20,952	11.61											
Annual cow loss	Head	36					Grain	Bu																
Cows culled	Head	271					Miscellaneous	Ton																
Calves born alive	Head	1,606					Salt and mineral	Cwt	631.0		6.69	4,221	2.34											
Calves lost birth to weaning	Head	128					Veterinary & medicine	Dol				11,837	6.56											
Steer calves weaned	Head	739					Hired trucking	Dol				1,156	0.64											
Sold as weaners	Head	395					Marketing <u>6/</u>	Dol				3,370	1.87											
Lost after weaning	Head	7					General overhead <u>7/</u>	Dol				15,701	8.70											
Sold as yearlings	Head	337					Hired labor	Hrs	6,450.0		4.66	30,057	16.66											
Heifer calves weaned	Head	739					Fuel and lubricants	Dol				10,037	5.56											
Sold as weaners	Head	214					Repairs	Dol				13,270	7.36											
Lost after weaning	Head	11					Taxes <u>8/</u>	Dol				43,554	24.14											
Sold as yearlings	Head	207					Insurance	Dol				7,768	4.31											
Kept for herd replacement <u>2/</u>	Head	307					Interest on operating capital <u>9/</u>	Dol	163,778.0		0.15	24,567	13.62											
Bulls	Head	106					Total cash costs	Dol				356,801	197.78											
Sales:							Other costs:																	
Steer calves	Head	395	430	65.44	111,150		Family labor <u>10/</u>	Hrs	2,150.0		4.66	10,019	5.55											
Heifer calves	Head	214	405	54.08	46,871		Capital replacement <u>11/</u>	Dol				45,363	25.15											
Yearling steers	Head	337	740	59.75	149,005		Interest on investment other than land <u>13/</u>	Dol				160,785	89.13											
Yearling heifers	Head	207	690	53.95	77,057		Interest on land <u>13/</u>	Dol				1,032,287	572.22											
Cull cows	Head	271	1,020	37.71	104,238		Total other costs	Dol				1,248,454	692.05											
Total sales	Head	--	--	--	488,321	270.69	Total all costs	Dol				1,605,255	889.83											
Cash costs:							Return above cash costs:																	
Federal grazing fees <u>3/</u>	AM	4,818.0		1.86	8,961	4.97	Return above cash costs: and family labor	Dol				121,501	67.35											
Private pasture lease	AUM	2,920.0		9.23	26,952	14.94	Return to total investment <u>14/</u>	Dol				76,138	42.20											
Other pasture lease <u>4/</u>	AUM						Return to land <u>15/</u>	Dol				-84,647	-46.92											
State land lease	AUM	272.0		2.20	598	0.33																		
Irrigated pasture	AUM																							
Hay produced	Ton	2,986.7		36.89	110,179	61.07																		
Hay purchased	Ton	331.9		71.17	23,621	13.09																		
													Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Feed source:																								
National Forest <u>16/</u>	AM				70.0	273.0	315.0	416.0	416.0	378.0	67.0													
Bureau of Land Management <u>16/</u>	AM				314.0	661.0	605.0	445.0	422.0	364.0	72.0													
Pasture rent/lease <u>17/</u>	AUM	200.0	388.0	420.0	456.0	474.0	490.0	492.0																
State land lease	AUM					53.0	59.0	64.0	48.0	48.0														
Deeded rangeland <u>17/</u>	AUM				1,000.0	1,500.3	1,622.6	1,764.5	1,849.1	1,913.8	1,000.4													
Irrigated pasture <u>17/</u>	AUM																							
Crop residue <u>17/</u>	AUM										971.0	2,247.0												
Hay	Ton	689.2	757.7	812.0	370.5								689.2											
Grain	Bu																							
Protein supplement	Ton	15.0	15.0	15.0	15.0							15.0	15.0											
Marketing month:																								
Steer calves	Head											395.0												
Heifer calves	Head											214.0												
Yearling steers	Head											337.0												
Yearling heifers	Head											207.0												
Cull cows	Head											271.0												

Table 190--Beef cow enterprises with up to 199 cows, Plumas National Forest, Northeast California, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																										
Production:							Cash costs--Continued																																																																																																																																																																																																																																																
Bred cows 1/	Head	91					Protein supplement 5/	Ton																																																																																																																																																																																																																																															
Annual cow loss	Head	2					Grain	Bu																																																																																																																																																																																																																																															
Cows culled	Head	8					Miscellaneous	Ton																																																																																																																																																																																																																																															
Calves born alive	Head	77					Salt and mineral	Cwt	31.9		6.69	213	2.34																																																																																																																																																																																																																																										
Calves lost birth to weaning	Head	4					Veterinary & medicine	Dol				811	8.91																																																																																																																																																																																																																																										
Steer calves weaned	Head	36					Hired trucking	Dol				212	2.33																																																																																																																																																																																																																																										
Sold as weaners	Head	7					Marketing 6/	Dol				703	7.73																																																																																																																																																																																																																																										
Lost after weaning	Head	3					General overhead 7/	Dol				1,087	11.95																																																																																																																																																																																																																																										
Sold as yearlings	Head	26					Hired labor	Hrs	259.0		4.66	1,207	13.26																																																																																																																																																																																																																																										
Heifer calves weaned	Head	37					Fuel and lubricants	Dol				2,597	28.54																																																																																																																																																																																																																																										
Sold as weaners	Head	5					Repairs	Dol				3,266	35.89																																																																																																																																																																																																																																										
Lost after weaning	Head	3					Taxes 8/	Dol				2,298	25.25																																																																																																																																																																																																																																										
Sold as yearlings	Head	19					Insurance	Dol				478	5.25																																																																																																																																																																																																																																										
Kept for herd replacement 2/	Head	10					Interest on operating capital 9/	Dol	8,171.2		0.15	1,226	13.47																																																																																																																																																																																																																																										
Bulls	Head	4					Total cash costs	Dol				24,258	266.57																																																																																																																																																																																																																																										
Sales:							Other costs:																																																																																																																																																																																																																																																
Steer calves	Head	7	500	65.25	2,284		Family labor 10/	Hrs	1,820.0		4.66	8,481	93.20																																																																																																																																																																																																																																										
Heifer calves	Head	5	450	55.00	1,238		Capital replacement 11/	Dol				5,740	63.08																																																																																																																																																																																																																																										
Yearling steers	Head	26	700	63.06	11,477		Interest on investment other than land 13/	Dol				10,794	118.62																																																																																																																																																																																																																																										
Yearling heifers	Head	19	650	55.37	6,838		Interest on land 13/	Dol				48,316	530.95																																																																																																																																																																																																																																										
Cull cows	Head	8	1,000	40.50	3,240		Total other costs	Dol				73,331	805.84																																																																																																																																																																																																																																										
Total sales	Head				25,077	275.57	Total all costs	Dol				97,589	1072.41																																																																																																																																																																																																																																										
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																
Federal grazing fees 3/	AM	260.0		1.86	484	5.32	Return above cash costs and family labor	Dol				-7,662	-84.20																																																																																																																																																																																																																																										
Private pasture lease	AUM	200.8		9.23	1,853	20.36	Return to total investment 14/	Dol				-13,402	-147.27																																																																																																																																																																																																																																										
Other pasture lease 4/	AUM						Return to land 15/	Dol				-24,196	-265.89																																																																																																																																																																																																																																										
State land lease	AUM																																																																																																																																																																																																																																																						
Irrigated pasture	AUM	92.5		4.25	393	4.32																																																																																																																																																																																																																																																	
Hay produced	Ton	201.4		36.89	7,430	81.65																																																																																																																																																																																																																																																	
Hay purchased	Ton																																																																																																																																																																																																																																																						
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td>Feed source:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>National Forest 16/</td> <td></td> <td></td> <td></td> <td></td> <td>9.0</td> <td>50.0</td> <td>54.0</td> <td>53.0</td> <td>50.0</td> <td>3.0</td> <td></td> <td></td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td></td> <td></td> <td>6.0</td> <td>15.0</td> <td>13.0</td> <td>7.0</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td></td> <td></td> <td></td> <td></td> <td>46.5</td> <td>50.1</td> <td>51.7</td> <td>52.5</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>State land lease</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Deeded rangeland 17/</td> <td></td> <td></td> <td></td> <td></td> <td>46.2</td> <td>48.7</td> <td>57.4</td> <td>61.1</td> <td>57.8</td> <td>63.9</td> <td></td> <td></td> </tr> <tr> <td>Irrigated pasture 17/</td> <td></td> <td></td> <td></td> <td>46.3</td> <td>46.2</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Crop residue 17/</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>57.8</td> <td>63.9</td> <td>60.0</td> <td></td> </tr> <tr> <td>Hay</td> <td>36.9</td> <td>40.8</td> <td>41.4</td> <td>27.4</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>18.0</td> <td>36.9</td> </tr> <tr> <td>Grain</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Protein supplement</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Marketing month:</td> <td></td> <td></td> <td></td> <td></td> <td>7.0</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Steer calves</td> <td></td> <td></td> <td></td> <td></td> <td>5.0</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Heifer calves</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Yearling steers</td> <td></td> <td></td> <td></td> <td>26.0</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Yearling heifers</td> <td></td> <td></td> <td></td> <td>19.0</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Cull cows</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>8.0</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:													National Forest 16/					9.0	50.0	54.0	53.0	50.0	3.0			Bureau of Land Management 16/			6.0	15.0	13.0	7.0							Pasture rent/lease 17/					46.5	50.1	51.7	52.5					State land lease													Deeded rangeland 17/					46.2	48.7	57.4	61.1	57.8	63.9			Irrigated pasture 17/				46.3	46.2								Crop residue 17/									57.8	63.9	60.0		Hay	36.9	40.8	41.4	27.4							18.0	36.9	Grain													Protein supplement													Marketing month:					7.0								Steer calves					5.0								Heifer calves													Yearling steers				26.0									Yearling heifers				19.0									Cull cows								8.0				
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																											
Feed source:																																																																																																																																																																																																																																																							
National Forest 16/					9.0	50.0	54.0	53.0	50.0	3.0																																																																																																																																																																																																																																													
Bureau of Land Management 16/			6.0	15.0	13.0	7.0																																																																																																																																																																																																																																																	
Pasture rent/lease 17/					46.5	50.1	51.7	52.5																																																																																																																																																																																																																																															
State land lease																																																																																																																																																																																																																																																							
Deeded rangeland 17/					46.2	48.7	57.4	61.1	57.8	63.9																																																																																																																																																																																																																																													
Irrigated pasture 17/				46.3	46.2																																																																																																																																																																																																																																																		
Crop residue 17/									57.8	63.9	60.0																																																																																																																																																																																																																																												
Hay	36.9	40.8	41.4	27.4							18.0	36.9																																																																																																																																																																																																																																											
Grain																																																																																																																																																																																																																																																							
Protein supplement																																																																																																																																																																																																																																																							
Marketing month:					7.0																																																																																																																																																																																																																																																		
Steer calves					5.0																																																																																																																																																																																																																																																		
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Yearling steers				26.0																																																																																																																																																																																																																																																			
Yearling heifers				19.0																																																																																																																																																																																																																																																			
Cull cows								8.0																																																																																																																																																																																																																																															

Table 191--Beef cow enterprises with 200-499 cows, Plumas National Forest, Northeast California, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																										
Production:							Cash costs--Continued																																																																																																																																																																																																																																																
Bred cows 1/	Head	282					Protein supplement 5/	Ton																																																																																																																																																																																																																																															
Annual cow loss	Head	4					Grain	Bu																																																																																																																																																																																																																																															
Cows culled	Head	29					Miscellaneous	Ton																																																																																																																																																																																																																																															
Calves born alive	Head	233					Salt and mineral	Cwt	99.0		6.69	662	2.35																																																																																																																																																																																																																																										
Calves lost birth to weaning	Head	13					Veterinary & medicine	Dol				1,726	6.12																																																																																																																																																																																																																																										
Steer calves weaned	Head	110					Hired trucking	Dol				1,441	5.11																																																																																																																																																																																																																																										
Sold as weaners	Head	24					Marketing 6/	Dol				1,334	4.73																																																																																																																																																																																																																																										
Lost after weaning	Head	2					General overhead 7/	Dol				3,384	12.00																																																																																																																																																																																																																																										
Sold as yearlings	Head	84					Hired labor	Hrs	1,139.0		4.66	5,308	18.82																																																																																																																																																																																																																																										
Heifer calves weaned	Head	110					Fuel and lubricants	Dol				3,654	12.96																																																																																																																																																																																																																																										
Sold as weaners	Head	16					Repairs	Dol				3,535	12.54																																																																																																																																																																																																																																										
Lost after weaning	Head	3					Taxes 8/	Dol				5,499	19.50																																																																																																																																																																																																																																										
Sold as yearlings	Head	58					Insurance	Dol				1,266	4.49																																																																																																																																																																																																																																										
Kept for herd replacement 2/	Head	33					Interest on operating capital 9/	Dol	17,907.9		0.15	2,686	9.52																																																																																																																																																																																																																																										
Bulls	Head	14					Total cash costs	Dol				59,354	210.48																																																																																																																																																																																																																																										
Sales:							Other costs:																																																																																																																																																																																																																																																
Steer calves	Head	24	500	65.25	7,830		Family labor 10/	Hrs	4,771.0		4.66	22,233	78.84																																																																																																																																																																																																																																										
Heifer calves	Head	16	450	55.00	3,960		Capital replacement 11/	Dol				9,337	33.11																																																																																																																																																																																																																																										
Yearling steers	Head	84	700	63.06	37,079		Interest on investment other than land 13/	Dol				26,127	92.65																																																																																																																																																																																																																																										
Yearling heifers	Head	58	650	55.37	20,874		Interest on land 13/	Dol				124,838	442.69																																																																																																																																																																																																																																										
Cull cows	Head	29	1,000	40.50	11,745		Total other costs	Dol				182,535	647.29																																																																																																																																																																																																																																										
Total sales	Head				81,488	288.96	Total all costs	Dol				241,889	857.76																																																																																																																																																																																																																																										
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																
Federal grazing fees 3/	AM	661.0		1.86	1,229	4.36	Return above cash costs: and family labor	Dol				22,134	78.49																																																																																																																																																																																																																																										
Private pasture lease	AUM	632.5		9.23	5,838	20.70	Return above cash costs: investment 14/	Dol				-99	-0.35																																																																																																																																																																																																																																										
Other pasture lease 4/	AUM						Return to total	Dol				-9,436	-33.46																																																																																																																																																																																																																																										
State land lease	AUM						Return to land 15/	Dol				-35,563	-126.11																																																																																																																																																																																																																																										
Irrigated pasture	AUM	291.9		4.25	1,241	4.40																																																																																																																																																																																																																																																	
Hay produced	Ton	557.1		36.89	20,551	72.88																																																																																																																																																																																																																																																	
Hay purchased	Ton																																																																																																																																																																																																																																																						
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td>Feed source:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>National Forest 16/</td> <td></td> <td></td> <td></td> <td>13.0</td> <td>31.0</td> <td>122.0</td> <td>141.0</td> <td>138.0</td> <td>135.0</td> <td>15.0</td> <td></td> <td></td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td></td> <td></td> <td></td> <td>29.0</td> <td>37.0</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td></td> <td></td> <td></td> <td></td> <td>146.9</td> <td>157.3</td> <td>162.8</td> <td>165.5</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>State land lease</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Deeded rangeland 17/</td> <td></td> <td></td> <td></td> <td>295.4</td> <td>148.8</td> <td>238.3</td> <td>225.2</td> <td>236.9</td> <td>200.3</td> <td>196.3</td> <td></td> <td></td> </tr> <tr> <td>Irrigated pasture 17/</td> <td></td> <td></td> <td></td> <td>146.0</td> <td>145.9</td> <td></td> <td></td> <td></td> <td>200.3</td> <td>196.3</td> <td>190.0</td> <td></td> </tr> <tr> <td>Crop residue 17/</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>57.1</td> <td>117.0</td> </tr> <tr> <td>Hay</td> <td>117.0</td> <td>128.8</td> <td>137.2</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Grain</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Protein supplement</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Marketing month:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Steer calves</td> <td></td> <td></td> <td></td> <td></td> <td>24.0</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Heifer calves</td> <td></td> <td></td> <td></td> <td></td> <td>16.0</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Yearling steers</td> <td></td> <td></td> <td></td> <td>84.0</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Yearling heifers</td> <td></td> <td></td> <td></td> <td>58.0</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Cull cows</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>29.0</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:													National Forest 16/				13.0	31.0	122.0	141.0	138.0	135.0	15.0			Bureau of Land Management 16/				29.0	37.0								Pasture rent/lease 17/					146.9	157.3	162.8	165.5					State land lease													Deeded rangeland 17/				295.4	148.8	238.3	225.2	236.9	200.3	196.3			Irrigated pasture 17/				146.0	145.9				200.3	196.3	190.0		Crop residue 17/											57.1	117.0	Hay	117.0	128.8	137.2										Grain													Protein supplement													Marketing month:													Steer calves					24.0								Heifer calves					16.0								Yearling steers				84.0									Yearling heifers				58.0									Cull cows								29.0				
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																											
Feed source:																																																																																																																																																																																																																																																							
National Forest 16/				13.0	31.0	122.0	141.0	138.0	135.0	15.0																																																																																																																																																																																																																																													
Bureau of Land Management 16/				29.0	37.0																																																																																																																																																																																																																																																		
Pasture rent/lease 17/					146.9	157.3	162.8	165.5																																																																																																																																																																																																																																															
State land lease																																																																																																																																																																																																																																																							
Deeded rangeland 17/				295.4	148.8	238.3	225.2	236.9	200.3	196.3																																																																																																																																																																																																																																													
Irrigated pasture 17/				146.0	145.9				200.3	196.3	190.0																																																																																																																																																																																																																																												
Crop residue 17/											57.1	117.0																																																																																																																																																																																																																																											
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Cull cows								29.0																																																																																																																																																																																																																																															

Table 192--Beef cow enterprises with 500 or more cows, Plumas National Forest, Northeast California, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow
Production:							:Cash costs--Continued :						
Bred cows 1/	Head	838					Protein supplement 5/	Ton					
Annual cow loss	Head	13					Grain	Bu					
Cows culled	Head	86					Miscellaneous	Ton					
Calves born alive	Head	694					Salt and mineral	Cwt	293.0		6.69	1,960	2.34
Calves lost birth to weaning	Head	38					Veterinary & medicine	Dol				5,420	6.47
Steer calves weaned	Head	328					Hired trucking	Dol				9,234	11.02
Sold as weaners	Head	72					Marketing 6/	Dol				2,154	2.57
Lost after weaning	Head	5					General overhead 7/	Dol				8,011	9.56
Sold as yearlings	Head	251					Hired labor	Hrs	4,827.0		4.66	22,494	26.84
Heifer calves weaned	Head	328					Fuel and lubricants	Dol				12,275	14.65
Sold as weaners	Head	50					Repairs	Dol				19,213	22.93
Lost after weaning	Head	10					Taxes 8/	Dol				15,403	18.38
Sold as yearlings	Head	169					Insurance	Dol				3,732	4.45
Kept for herd replacement 2/	Head	99					Interest on operating capital 9/	Dol	58,348.0		0.15	8,752	10.44
Bulls	Head	42					Total cash costs	Dol				194,961	232.65
Sales:							:Other costs:						
Steer calves	Head	72	500	65.25	23,490		Family labor 10/	Hrs	7,165.0		4.66	33,389	39.84
Heifer calves	Head	50	450	55.00	12,375		Capital replacement 11/	Dol				38,027	45.38
Yearling steers	Head	251	700	63.06	110,796		Interest on investment other than land 13/	Dol				87,504	104.42
Yearling heifers	Head	169	650	55.37	60,824		Interest on land 13/	Dol				330,447	394.33
Cull cows	Head	86	1,000	40.50	34,830		Total other costs	Dol				489,367	583.97
Total sales	Head				242,315	289.16	Total all costs	Dol				684,328	816.62
Cash costs:							:Return above cash costs:						
Federal grazing fees 3/	AM	1,554.0		1.86	2,890	3.45	Return above cash costs and family labor	Dol				13,965	16.66
Private pasture lease	AUM	1,758.3		9.23	16,229	19.37	Return to total investment 14/	Dol				-24,062	-28.71
Other pasture lease 4/	AUM						Return to land 15/	Dol				-111,566	-133.13
State land lease	AUM												
Irrigated pasture	AUM	863.2		4.25	3,669	4.38							
Hay produced	Ton	1,722.0		36.89	63,525	75.81							
Hay purchased	Ton												
: Jan. : Feb. : Mar. : Apr. : May : June : July : Aug. : Sept. : Oct. : Nov. : Dec.													
Feed source:													
National Forest 16/	AM					52.0	171.0	206.0	204.0	195.0	49.0		
Bureau of Land Management 16/	AM			53.0	109.0	109.0	109.0	109.0	109.0	79.0			
Pasture rent/Lease 17/	AUM					396.7	441.0	456.5	464.1				
State land lease	AUM												
Deeded rangeland 17/	AUM	9.1	124.1	143.5	321.3	479.0	850.1	843.8	868.2	493.3	546.4		
Irrigated pasture 17/	AUM				431.6	431.6							
Crop residue 17/	AUM												
Hay	Ton	345.0	345.0	345.0	172.5							169.5	345.0
Grain	Bu												
Protein supplement	Ton												
Marketing month:													
Steer calves	Head					72.0							
Heifer calves	Head					50.0							
Yearling steers	Head				251.0								
Yearling heifers	Head				169.0								
Cull cows	Head								86.0				

Table 193--Beef cow enterprises of all sizes, San Bernardino National Forest, Southern California, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																												
Production:							Cash costs--Continued																																																																																																																																																																																																																																																		
Bred cows 1/	Head	130	--	--	--	--	Protein supplement 5/	Ton	59.9	--	232.80	13,945	107.27																																																																																																																																																																																																																																												
Annual cow loss	Head	1	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																												
Cows culled	Head	20	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--																																																																																																																																																																																																																																												
Calves born alive	Head	120	--	--	--	--	Salt and mineral	Cwt	46.0	--	6.69	308	2.37																																																																																																																																																																																																																																												
Calves lost birth to weaning	Head	4	--	--	--	--	Veterinary & medicine:	Dol	--	--	--	473	3.64																																																																																																																																																																																																																																												
Steer calves weaned	Head	59	--	--	--	--	Hired trucking	Dol	--	--	--	486	3.74																																																																																																																																																																																																																																												
Sold as weaners	Head	54	--	--	--	--	Marketing 6/	Dol	--	--	--	236	1.82																																																																																																																																																																																																																																												
Lost after weaning	Head	1	--	--	--	--	General overhead 7/	Dol	--	--	--	1,269	9.76																																																																																																																																																																																																																																												
Sold as yearlings	Head	4	--	--	--	--	Hired labor	Hrs	614.0	--	4.66	2,861	22.01																																																																																																																																																																																																																																												
Heifer calves weaned	Head	59	--	--	--	--	Fuel and lubricants	Dol	--	--	--	2,163	16.64																																																																																																																																																																																																																																												
Sold as weaners	Head	32	--	--	--	--	Repairs	Dol	--	--	--	2,196	16.89																																																																																																																																																																																																																																												
Lost after weaning	Head	2	--	--	--	--	Taxes 8/	Dol	--	--	--	3,035	23.35																																																																																																																																																																																																																																												
Sold as yearlings	Head	4	--	--	--	--	Insurance	Dol	--	--	--	601	4.62																																																																																																																																																																																																																																												
Kept for herd replacement 2/	Head	21	--	--	--	--	Interest on operating capital 9/	Dol	15,420.0	--	0.15	2,282	17.55																																																																																																																																																																																																																																												
Bulls	Head	5	--	--	--	--	Total cash costs	Dol	--	--	--	32,311	248.55																																																																																																																																																																																																																																												
Sales:							Other costs:																																																																																																																																																																																																																																																		
Steer calves	Head	54	385	64.00	13,306	--	Family labor 10/	Hrs	1,228.0	--	4.66	5,722	44.02																																																																																																																																																																																																																																												
Heifer calves	Head	32	355	53.50	6,078	--	Capital replacement 11/	Dol	--	--	--	4,607	35.44																																																																																																																																																																																																																																												
Yearling steers	Head	4	800	62.00	1,984	--	Interest on investment other than land 13/	Dol	--	--	--	12,792	98.40																																																																																																																																																																																																																																												
Yearling heifers	Head	4	780	56.56	1,765	--	Interest on land 13/	Dol	--	--	--	60,293	463.79																																																																																																																																																																																																																																												
Cull cows	Head	20	1,025	40.66	8,335	--	Total other costs	Dol	--	--	--	83,414	641.65																																																																																																																																																																																																																																												
Total sales	Head	--	--	--	31,468	242.06	Total all costs	Dol	--	--	--	115,725	890.19																																																																																																																																																																																																																																												
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																		
Federal grazing fees 3/	AM	1,010.0	--	1.86	1,879	14.45	Return above cash costs: and family labor	Dol	--	--	--	-6,565	-50.50																																																																																																																																																																																																																																												
Private pasture lease	AUM	62.5	--	9.23	577	4.44	Return to total investment 14/	Dol	--	--	--	-11,172	-85.94																																																																																																																																																																																																																																												
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-23,964	-184.34																																																																																																																																																																																																																																												
State land lease	AUM	--	--	--	--	--																																																																																																																																																																																																																																																			
Irrigated pasture	AUM	--	--	--	--	--																																																																																																																																																																																																																																																			
Hay produced	Ton	--	--	--	--	--																																																																																																																																																																																																																																																			
Hay purchased	Ton	--	--	--	--	--																																																																																																																																																																																																																																																			
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Table 194--Beef cow enterprises with up to 499 cows, Sequoia National Forest, Central California, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow
Production:							:Cash costs--Continued						
Bred cows 1/	Head	231	--	--	--	--	Protein supplement 5/	Ton	12.0	--	232.80	2,794	12.10
Annual cow loss	Head	5	--	--	--	--	Grain	Bu	--	--	--	--	--
Cows culled	Head	33	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--
Calves born alive	Head	194	--	--	--	--	Salt and mineral	Cwt	80.9	--	6.69	541	2.34
Calves lost birth to weaning	Head	10	--	--	--	--	Veterinary & medicine	Dol	--	--	--	1,173	5.08
Steer calves weaned	Head	92	--	--	--	--	Hired trucking	Dol	--	--	--	827	3.58
Sold as weaners	Head	52	--	--	--	--	Marketing 6/	Dol	--	--	--	413	1.79
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	Dol	--	--	--	1,513	6.55
Sold as yearlings	Head	40	--	--	--	--	Hired labor	Hrs	687.9	--	4.66	3,206	13.88
Heifer calves weaned	Head	91	--	--	--	--	Fuel and lubricants	Dol	--	--	--	2,829	12.25
Sold as weaners	Head	18	--	--	--	--	Repairs	Dol	--	--	--	2,865	12.40
Lost after weaning	Head	1	--	--	--	--	Taxes 8/	Dol	--	--	--	4,761	20.61
Sold as yearlings	Head	35	--	--	--	--	Insurance	Dol	--	--	--	1,088	4.71
Kept for herd replacement 2/	Head	38	--	--	--	--	Interest on operating capital 9/	Dol	10,921.6	--	0.15	1,616	7.00
Bulls	Head	14	--	--	--	--	Total cash costs	Dol	--	--	--	34,247	148.26
Sales:							:Other costs:						
Steer calves	Head	52	496	65.00	16,765	--	Family labor 10/	Hrs	1,375.7	--	4.66	6,411	27.75
Heifer calves	Head	18	461	56.75	4,709	--	Capital replacement 11/	Dol	--	--	--	8,830	38.23
Yearling steers	Head	40	809	62.00	20,063	--	Interest on investment other than land 13/	Dol	--	--	--	22,772	98.58
Yearling heifers	Head	35	732	56.56	14,491	--	Interest on land 13/	Dol	--	--	--	107,822	466.76
Cull cows	Head	33	1,037	40.66	13,914	--	Total other costs	Dol	--	--	--	145,835	631.32
Total sales	Head	--	--	--	69,942	302.78	Total all costs	Dol	--	--	--	180,082	779.58
Cash costs:							:Return above cash costs:						
Federal grazing fees 3/	AM	897.0	--	1.86	1,668	7.22	Return above cash costs and family labor	Dol	--	--	--	35,695	154.52
Private pasture lease	AUM	794.2	--	9.23	7,330	31.73	Return to total investment 14/	Dol	--	--	--	20,454	88.55
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-2,318	-10.03
State land lease	AUM	--	--	--	--	--							
Irrigated pasture	AUM	--	--	--	--	--							
Hay produced	Ton	44.0	--	36.89	1,623	7.03							
Hay purchased	Ton	--	--	--	--	--							
: Jan. : Feb. : Mar. : Apr. : May : June : July : Aug. : Sept. : Oct. : Nov. : Dec. :													
Feed source:													
National Forest 16/	AM	12.0	18.0	40.0	66.0	117.0	132.0	143.0	131.0	89.0	35.0	8.0	8.0
Bureau of Land Management 16/	AM	16.0	16.0	16.0	--	--	--	--	--	--	16.0	17.0	17.0
Pasture rent/lease 17/	AUM	65.4	70.8	71.5	78.3	67.8	47.6	51.6	73.5	86.5	61.0	61.1	59.1
State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--	--
Deeded rangeland 17/	AUM	196.1	212.2	214.6	234.9	203.3	217.2	223.1	220.6	259.4	183.1	183.8	177.3
Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	28.0	28.0	28.0
Hay	Ton	11.0	11.0	--	--	--	--	--	--	--	--	11.0	11.0
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--
Protein supplement	Ton	3.0	3.0	3.0	--	--	--	--	--	--	--	--	3.0
Marketing month:													
Steer calves	Head	--	--	--	--	--	--	--	--	52.0	--	--	--
Heifer calves	Head	--	--	--	--	--	--	--	--	18.0	--	--	--
Yearling steers	Head	--	--	--	--	--	--	--	--	40.0	--	--	--
Yearling heifers	Head	--	--	--	--	--	--	--	--	35.0	--	--	--
Cull cows	Head	--	--	--	--	--	33.0	--	--	--	--	--	--

Table 195--Beef cow enterprises with 500-999 cows, Sequoia National Forest, Central California, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow
Production:							Cash costs--Continued						
Bred cows 1/	Head	694	--	--	--	--	Protein supplement 5/	Ton	40.0	--	232.80	9,312	13.42
Annual cow loss	Head	14	--	--	--	--	Grain	Bu	--	--	--	--	--
Cows culled	Head	98	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--
Calves born alive	Head	576	--	--	--	--	Salt and mineral	Cwt	8,502.0	--	6.69	56,878	81.96
Calves lost birth to weaning	Head	29	--	--	--	--	Veterinary & medicine	Dol	--	--	--	2,138	3.08
Steer calves weaned	Head	273	--	--	--	--	Hired trucking	Dol	--	--	--	255	.37
Sold as weaners	Head	82	--	--	--	--	Marketing 6/	Dol	--	--	--	127	.18
Lost after weaning	Head	4	--	--	--	--	General overhead 7/	Dol	--	--	--	2,991	4.31
Sold as yearlings	Head	187	--	--	--	--	Hired labor	Hrs	1,616.0	--	4.66	7,531	10.85
Heifer calves weaned	Head	274	--	--	--	--	Fuel and lubricants	Dol	--	--	--	3,147	4.53
Sold as weaners	Head	22	--	--	--	--	Repairs	Dol	--	--	--	5,101	7.35
Lost after weaning	Head	5	--	--	--	--	Taxes 8/	Dol	--	--	--	14,337	20.66
Sold as yearlings	Head	135	--	--	--	--	Insurance	Dol	--	--	--	3,052	4.40
Kept for herd replacement 2/	Head	112	--	--	--	--	Interest on operating capital 9/	Dol	70,117.2	--	0.15	10,377	14.95
Bulls	Head	46	--	--	--	--	Total cash costs	Dol	--	--	--	159,556	229.91
Sales:							Other costs:						
Steer calves	Head	82	496	65.00	26,437	--	Family labor 10/	Hrs	3,232.0	--	4.66	15,061	21.70
Heifer calves	Head	22	461	56.75	5,756	--	Capital replace- ment 11/	Dol	--	--	--	23,796	34.29
Yearling steers	Head	187	809	62.00	93,795	--	Interest on Invest- ment other than land 13/	Dol	--	--	--	66,703	96.11
Yearling heifers	Head	135	732	56.56	55,893	--	Interest on land 13/	Dol	--	--	--	331,766	478.05
Cull cows	Head	98	1,037	40.66	41,321	--	Total other costs	Dol	--	--	--	437,326	630.15
Total sales	Head	--	--	--	223,202	321.62	Total all costs	Dol	--	--	--	596,882	860.06
Cash costs:							Return above cash costs:						
Federal grazing fees 3/	AM	1,111.0	--	1.86	2,066	2.98	Return above cash costs: and family labor	Dol	--	--	--	63,646	91.71
Private pasture lease	AUM	2,914.2	--	9.23	26,898	38.76	Return to total investment 14/	Dol	--	--	--	24,789	35.72
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-41,914	-60.39
State land lease	AUM	--	--	--	--	--							
Irrigated pasture	AUM	--	--	--	--	--							
Hay produced	Ton	416.0	--	36.89	15,346	22.11							
Hay purchased	Ton	--	--	--	--	--							
Feed source:													
National Forest 16/	AM	27.0	27.0	28.0	65.0	131.0	158.0	170.0	144.0	102.0	45.0	24.0	24.0
Bureau of Land Management 16/	AM	30.0	31.0	31.0	--	--	--	--	--	--	31.0	31.0	12.0
Pasture rent/Lease 17/	AUM	123.9	145.2	268.3	302.4	307.4	315.8	322.5	337.4	341.6	235.0	111.2	103.5
State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--	--
Deeded rangeland 17/	AUM	371.8	435.6	804.9	907.1	922.2	947.4	967.4	1,012.1	1,024.7	705.1	333.5	310.8
Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	83.0	83.0	83.0
Hay	Ton	104.0	104.0	--	--	--	--	--	--	--	--	104.0	104.0
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--
Protein supplement	Ton	10.0	10.0	10.0	--	--	--	--	--	--	--	--	10.0
Marketing month:													
Steer calves	Head	--	--	--	--	--	--	--	82.0	--	--	--	--
Heifer calves	Head	--	--	--	--	--	--	--	22.0	--	--	--	--
Yearling steers	Head	--	--	--	--	--	--	--	187.0	--	--	--	--
Yearling heifers	Head	--	--	--	--	--	--	--	135.0	--	--	--	--
Cull cows	Head	--	--	--	--	--	98.0	--	--	--	--	--	--

Table 196--Beef cow enterprises with 1,000 or more cows, Sequoia National Forest, Central California, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow
Production:							Cash costs--Continued						
Bred cows <u>1/</u>	Head	2,256	--	--	--	--	Protein supplement <u>5/</u>	Ton	412.0	--	232.80	95,914	42.52
Annual cow loss	Head	45	--	--	--	--	Grain	Bu	--	--	--	--	--
Cows culled	Head	320	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--
Calves born alive	Head	1,872	--	--	--	--	Salt and mineral	Cwt	789.6	--	6.69	5,282	2.34
Calves lost birth to weaning	Head	94	--	--	--	--	Veterinary & medicine	Dol	--	--	--	6,948	3.08
Steer calves weaned	Head	889	--	--	--	--	Hired trucking	Dol	--	--	--	3,835	1.70
Sold as weaners	Head	504	--	--	--	--	Marketing <u>6/</u>	Dol	--	--	--	1,918	.85
Lost after weaning	Head	8	--	--	--	--	General overhead <u>7/</u>	Dol	--	--	--	70,600	31.29
Sold as yearlings	Head	377	--	--	--	--	Hired labor	Hrs	4,512.0	--	4.66	21,026	9.32
Heifer calves weaned	Head	889	--	--	--	--	Fuel and lubricants	Dol	--	--	--	10,074	4.47
Sold as weaners	Head	174	--	--	--	--	Repairs	Dol	--	--	--	12,031	5.33
Lost after weaning	Head	14	--	--	--	--	Taxes <u>8/</u>	Dol	--	--	--	41,508	18.40
Sold as yearlings	Head	336	--	--	--	--	Insurance	Dol	--	--	--	9,732	4.31
Kept for herd replacement <u>2/</u>	Head	365	--	--	--	--	Interest on operating capital <u>9/</u>	Dol	149,682.7	--	0.15	22,153	9.82
Bulls	Head	151	--	--	--	--	Total cash costs	Dol	--	--	--	438,257	194.26
Sales:							Other costs:						
Steer calves	Head	504	496	65.00	162,490	--	Family labor <u>10/</u>	Hrs	9,024.0	--	4.66	42,052	18.64
Heifer calves	Head	174	461	56.75	45,521	--	Capital replacement <u>11/</u>	Dol	--	--	--	53,128	23.55
Yearling steers	Head	377	809	62.00	189,096	--	Interest on investment other than land <u>13/</u>	Dol	--	--	--	196,989	87.32
Yearling heifers	Head	336	732	56.56	139,110	--	Interest on land <u>13/</u>	Dol	--	--	--	982,692	435.59
Cull cows	Head	320	1,037	40.66	134,926	--	Total other costs	Dol	--	--	--	1,274,861	565.10
Total sales	Head	--	--	--	671,143	297.49	Total all costs	Dol	--	--	--	1,713,118	759.36
Cash costs:							Return above cash costs:						
Federal grazing fees <u>3/</u>	AM	2,166.0	--	1.86	4,029	1.79	Return above cash costs and family labor	Dol	--	--	--	232,886	103.23
Private pasture lease	AUM	9,012.3	--	9.23	83,184	36.87	Return to total investment <u>14/</u>	Dol	--	--	--	137,706	61.04
Other pasture lease <u>4/</u>	AUM	--	--	--	--	--	Return to land <u>15/</u>	Dol	--	--	--	-59,283	-26.28
State land lease	AUM	--	--	--	--	--							
Irrigated pasture	AUM	--	--	--	--	--							
Hay produced	Ton	1,356.0	--	36.89	50,023	22.17							
Hay purchased	Ton	--	--	--	--	--							

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Feed source:												
National Forest <u>16/</u>	AM	94.0	94.0	132.0	150.0	259.0	276.0	276.0	240.0	25.0	27.0	94.0
Bureau of Land Management <u>16/</u>	AM	37.0	37.0	37.0	--	--	--	--	--	37.0	37.0	38.0
Pasture rent/lease <u>17/</u>	AUM	326.1	397.6	721.4	932.0	987.2	1,031.1	1,066.8	1,085.1	1,065.2	748.2	390.8
State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--
Deeded rangeland <u>17/</u>	AUM	938.4	1,184.8	2,164.2	2,795.9	2,884.1	309.3	3,200.5	3,255.2	3,185.7	2,244.6	1,172.4
Irrigated pasture <u>17/</u>	AUM	--	--	--	--	--	--	--	--	--	--	--
Crop residue <u>17/</u>	AUM	--	--	--	--	--	--	--	--	270.0	270.0	270.0
Hay	Ton	339.0	339.0	--	--	--	--	--	--	--	339.0	339.0
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--
Protein supplement	Ton	103.0	103.0	103.0	--	--	--	--	--	--	--	103.0
Marketing month:												
Steer calves	Head	--	--	--	--	--	--	--	504.0	--	--	--
Heifer calves	Head	--	--	--	--	--	--	--	174.0	--	--	--
Yearling steers	Head	--	--	--	--	--	--	--	377.0	--	--	--
Yearling heifers	Head	--	--	--	--	--	--	--	336.0	--	--	--
Cull cows	Head	--	--	--	--	--	320.0	--	--	--	--	--

Table 197--Beef cow enterprises with up to 99 cows, Shasta-Trinity National Forest, Northern California, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																										
Production:							Cash costs--Continued																																																																																																																																																																																																																																																
Bred cows 1/	Head	39	--	--	--	--	Protein supplement 5/	Ton	--	--	--	--	--																																																																																																																																																																																																																																										
Annual cow loss	Head	1	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																										
Cows culled	Head	5	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--																																																																																																																																																																																																																																										
Calves born alive	Head	34	--	--	--	--	Salt and mineral	Cwt	14.0	--	6.69	94	2.41																																																																																																																																																																																																																																										
Calves lost birth to weaning	Head	2	--	--	--	--	Veterinary & medicine	Dol	--	--	--	182	4.67																																																																																																																																																																																																																																										
Steer calves weaned	Head	11	--	--	--	--	Hired trucking	Dol	--	--	--	29	.74																																																																																																																																																																																																																																										
Sold as weaners	Head	8	--	--	--	--	Marketing 6/	Dol	--	--	--	81	2.08																																																																																																																																																																																																																																										
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	Dol	--	--	--	466	11.95																																																																																																																																																																																																																																										
Sold as yearlings	Head	8	--	--	--	--	Hired labor	Hrs	156.0	--	4.66	727	18.64																																																																																																																																																																																																																																										
Heifer calves weaned	Head	16	--	--	--	--	Fuel and lubricants	Dol	--	--	--	796	20.41																																																																																																																																																																																																																																										
Sold as weaners	Head	5	--	--	--	--	Repairs	Dol	--	--	--	474	12.15																																																																																																																																																																																																																																										
Lost after weaning	Head	--	--	--	--	--	Taxes 8/	Dol	--	--	--	400	10.26																																																																																																																																																																																																																																										
Sold as yearlings	Head	5	--	--	--	--	Insurance	Dol	--	--	--	175	4.49																																																																																																																																																																																																																																										
Kept for herd replacement 2/	Head	6	--	--	--	--	Interest on operating capital 9/	Dol	5,168.0	--	0.15	775	19.87																																																																																																																																																																																																																																										
Bulls	Head	2	--	--	--	--	Total cash costs	Dol	--	--	--	9,713	249.05																																																																																																																																																																																																																																										
Sales:							Other costs:																																																																																																																																																																																																																																																
Steer calves	Head	8	430	65.44	2,251	--	Family labor 10/	Hrs	494.0	--	4.66	2,302	59.03																																																																																																																																																																																																																																										
Heifer calves	Head	5	405	54.08	1,095	--	Capital replacement 11/	Dol	--	--	--	1,380	35.38																																																																																																																																																																																																																																										
Yearling steers	Head	8	740	59.75	3,537	--	Interest on investment other than land 13/	Dol	--	--	--	3,712	95.18																																																																																																																																																																																																																																										
Yearling heifers	Head	5	690	53.95	1,861	--	Interest on land 13/	Dol	--	--	--	8,248	211.49																																																																																																																																																																																																																																										
Cull cows	Head	5	980	35.05	1,717	--	Total other costs	Dol	--	--	--	15,642	401.08																																																																																																																																																																																																																																										
Total sales	Head	--	--	--	10,461	268.23	Total all costs	Dol	--	--	--	25,355	650.13																																																																																																																																																																																																																																										
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																
Federal grazing fees 3/	AM	142.0	--	1.86	264	6.77	Return above cash costs and family labor	Dol	--	--	--	748	19.18																																																																																																																																																																																																																																										
Private pasture lease 4/	AUM	125.0	--	9.23	1,154	29.59	Return to total investment 14/	Dol	--	--	--	-2,934	-75.23																																																																																																																																																																																																																																										
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-6,646	-170.41																																																																																																																																																																																																																																										
State land lease	AUM	--	--	--	--	--																																																																																																																																																																																																																																																	
Irrigated pasture	AUM	--	--	--	--	--																																																																																																																																																																																																																																																	
Hay produced	Ton	38.1	--	36.89	1,406	36.05																																																																																																																																																																																																																																																	
Hay purchased	Ton	37.8	--	71.17	2,690	68.97																																																																																																																																																																																																																																																	
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td>Feed source:</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>National Forest 16/</td> <td>--</td><td>--</td><td>--</td><td>--</td><td>10.0</td><td>27.0</td><td>29.0</td><td>29.0</td><td>27.0</td><td>20.0</td><td>--</td><td>--</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>--</td><td>--</td><td>--</td><td>15.0</td><td>27.0</td><td>17.0</td><td>17.0</td><td>17.0</td><td>15.0</td><td>17.0</td><td>--</td><td>--</td> </tr> <tr> <td>State land lease</td> <td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>--</td><td>--</td><td>--</td><td>15.0</td><td>28.8</td><td>18.1</td><td>17.2</td><td>18.2</td><td>16.1</td><td>18.0</td><td>--</td><td>--</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>50.0</td><td>--</td> </tr> <tr> <td>Hay</td> <td>15.3</td><td>16.8</td><td>18.0</td><td>10.5</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>15.3</td> </tr> <tr> <td>Grain</td> <td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td> </tr> <tr> <td>Protein supplement</td> <td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td> </tr> <tr> <td>Marketing month:</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>Steer calves</td> <td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>8.0</td><td>--</td> </tr> <tr> <td>Heifer calves</td> <td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>5.0</td><td>--</td> </tr> <tr> <td>Yearling steers</td> <td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>8.0</td><td>--</td><td>--</td><td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>4.0</td><td>--</td><td>1.0</td><td>--</td> </tr> <tr> <td>Cull cows</td> <td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>5.0</td><td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:													National Forest 16/	--	--	--	--	10.0	27.0	29.0	29.0	27.0	20.0	--	--	Bureau of Land Management 16/	--	--	--	--	--	--	--	--	--	--	--	--	Pasture rent/lease 17/	--	--	--	15.0	27.0	17.0	17.0	17.0	15.0	17.0	--	--	State land lease	--	--	--	--	--	--	--	--	--	--	--	--	Deeded rangeland 17/	--	--	--	15.0	28.8	18.1	17.2	18.2	16.1	18.0	--	--	Irrigated pasture 17/	--	--	--	--	--	--	--	--	--	--	--	--	Crop residue 17/	--	--	--	--	--	--	--	--	--	--	50.0	--	Hay	15.3	16.8	18.0	10.5	--	--	--	--	--	--	--	15.3	Grain	--	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	--	--	--	--	--	--	--	--	--	--	--	--	Marketing month:													Steer calves	--	--	--	--	--	--	--	--	--	--	8.0	--	Heifer calves	--	--	--	--	--	--	--	--	--	--	5.0	--	Yearling steers	--	--	--	--	--	--	--	--	8.0	--	--	--	Yearling heifers	--	--	--	--	--	--	--	--	4.0	--	1.0	--	Cull cows	--	--	--	--	--	--	--	--	--	--	5.0	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																											
Feed source:																																																																																																																																																																																																																																																							
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Deeded rangeland 17/	--	--	--	15.0	28.8	18.1	17.2	18.2	16.1	18.0	--	--																																																																																																																																																																																																																																											
Irrigated pasture 17/	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Crop residue 17/	--	--	--	--	--	--	--	--	--	--	50.0	--																																																																																																																																																																																																																																											
Hay	15.3	16.8	18.0	10.5	--	--	--	--	--	--	--	15.3																																																																																																																																																																																																																																											
Grain	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Protein supplement	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Marketing month:																																																																																																																																																																																																																																																							
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Heifer calves	--	--	--	--	--	--	--	--	--	--	5.0	--																																																																																																																																																																																																																																											
Yearling steers	--	--	--	--	--	--	--	--	8.0	--	--	--																																																																																																																																																																																																																																											
Yearling heifers	--	--	--	--	--	--	--	--	4.0	--	1.0	--																																																																																																																																																																																																																																											
Cull cows	--	--	--	--	--	--	--	--	--	--	5.0	--																																																																																																																																																																																																																																											

Table 198--Beef cow enterprises with 100 or more cows, Shasta-Trinity National Forest, Northern California, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow					
Production:							::Cash costs--Continued											
Bred cows ^{1/}	Head	337	--	--	--	--	:: Protein supplement ^{5/}	Ton	--	--	--	--	--					
Annual cow loss	Head	10	--	--	--	--	:: Grain	Bu	--	--	--	--	--					
Cows culled	Head	44	--	--	--	--	:: Miscellaneous	Ton	--	--	--	--	--					
Calves born alive	Head	290	--	--	--	--	:: Salt and mineral	Cwt	118.0	--	6.69	789	2.34					
Calves lost birth to weaning	Head	20	--	--	--	--	:: Veterinary & medicine	Dol	--	--	--	2,532	7.51					
Steer calves weaned	Head	135	--	--	--	--	:: Hired trucking	Dol	--	--	--	562	1.67					
Sold as weaners	Head	67	--	--	--	--	:: Marketing ^{6/}	Dol	--	--	--	1,634	4.85					
Lost after weaning	Head	1	--	--	--	--	:: General overhead ^{7/}	Dol	--	--	--	3,682	10.93					
Sold as yearlings	Head	67	--	--	--	--	:: Hired labor	Hrs	2,000.0	--	4.66	9,320	27.66					
Heifer calves weaned	Head	135	--	--	--	--	:: Fuel and lubricants	Dol	--	--	--	2,303	6.83					
Sold as weaners	Head	34	--	--	--	--	:: Repairs	Dol	--	--	--	4,787	14.20					
Lost after weaning	Head	2	--	--	--	--	:: Taxes ^{8/}	Dol	--	--	--	4,009	11.90					
Sold as yearlings	Head	45	--	--	--	--	:: Insurance	Dol	--	--	--	1,526	4.53					
Kept for herd replacement ^{2/}	Head	54	--	--	--	--	:: Interest on operating capital ^{9/}	Dol	39,180.0	--	0.15	5,877	17.44					
Bulls	Head	20	--	--	--	--	:: Total cash costs	Dol	--	--	--	84,478	250.68					
Sales:							::Other costs:											
Steer calves	Head	67	430	65.44	18,853	--	:: Family labor ^{10/}	Hrs	1,950.0	--	4.66	9,087	26.96					
Heifer calves	Head	34	405	54.08	7,447	--	:: Capital replacement ^{11/}	Dol	--	--	--	17,637	52.34					
Yearling steers	Head	67	740	59.75	29,624	--	:: Interest on investment other than land ^{13/}	Dol	--	--	--	30,649	90.95					
Yearling heifers	Head	45	690	53.95	16,751	--	:: Interest on land ^{13/}	Dol	--	--	--	89,114	264.43					
Cull cows	Head	44	980	37.71	16,261	--	:: Total other costs	Dol	--	--	--	146,487	434.68					
Total sales	Head	--	--	--	88,936	263.91	:: Total all costs	Dol	--	--	--	230,965	685.36					
Cash costs:							::Return above cash costs:	Dol	--	--	--	4,458	13.23					
Federal grazing fees ^{3/}	AM	388.0	--	1.86	722	2.14	::Return above cash costs and family labor	Dol	--	--	--	-4,629	-13.74					
Private pasture lease	AUM	1,866.0	--	9.23	17,223	51.11	::Return to total investment ^{14/}	Dol	--	--	--	-22,266	-66.07					
Other pasture lease ^{4/}	AUM	--	--	--	--	--	::Return to land ^{15/}	Dol	--	--	--	-52,915	-157.02					
State land lease	AUM	--	--	--	--	--												
Irrigated pasture	AUM	--	--	--	--	--												
Hay produced	Ton	273.1	--	36.89	10,075	29.90												
Hay purchased	Ton	273.1	--	71.17	19,437	57.68												
Feed source:																		
National Forest ^{16/}	AM	--	--	--	--	59.0	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Bureau of Land Management ^{16/}	AM	--	--	--	--	--												
Pasture rent/lease ^{17/}	AUM	--	--	--	150.0	298.0												
State land lease	AUM	--	--	--	--	--												
Deeded rangeland ^{17/}	AUM	--	--	--	150.0	299.0												
Irrigated pasture ^{17/}	AUM	--	--	--	--	--												
Crop residue ^{17/}	AUM	--	--	--	--	--									200.0		300.0	
Hay	Ton	131.2	143.6	153.6	76.6	--												41.2
Grain	Bu	--	--	--	--	--												--
Protein supplement	Ton	--	--	--	--	--												--
Marketing month:																		
Steer calves	Head	--	--	--	--	--												67.0
Heifer calves	Head	--	--	--	--	--												34.0
Yearling steers	Head	--	--	--	--	--										67.0		--
Yearling heifers	Head	--	--	--	--	--										33.0		12.0
Cull cows	Head	--	--	--	--	--										--		44.0

Table 199--Beef cow enterprises with up to 300 cows, Sierra National Forest, East-Central California, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																																											
Production:							Cash costs--Continued																																																																																																																																																																																																																																																																	
Bred cows 1/	Head	164					Protein supplement 5/	Ton																																																																																																																																																																																																																																																																
Annual cow loss	Head	8					Grain	Bu																																																																																																																																																																																																																																																																
Cows culled	Head	23					Miscellaneous	Ton																																																																																																																																																																																																																																																																
Calves born alive	Head	131					Salt and mineral	Cwt	57.4		6.69	384	2.34																																																																																																																																																																																																																																																											
Calves lost birth to weaning	Head	13					Veterinary & medicine	Dol				1,003	6.12																																																																																																																																																																																																																																																											
Steer calves weaned	Head	59					Hired trucking	Dol				837	5.10																																																																																																																																																																																																																																																											
Sold as weaners	Head	30					Marketing 6/	Dol				744	4.54																																																																																																																																																																																																																																																											
Lost after weaning	Head						General overhead 7/	Dol				1,438	8.77																																																																																																																																																																																																																																																											
Sold as yearlings	Head	29					Hired labor	Hrs	467.0		4.66	2,176	13.27																																																																																																																																																																																																																																																											
Heifer calves weaned	Head	59					Fuel and lubricants	Dol				1,837	11.20																																																																																																																																																																																																																																																											
Sold as weaners	Head	20					Repairs	Dol				1,791	10.92																																																																																																																																																																																																																																																											
Lost after weaning	Head	1					Taxes 8/	Dol				2,498	15.23																																																																																																																																																																																																																																																											
Sold as yearlings	Head	7					Insurance	Dol				740	4.51																																																																																																																																																																																																																																																											
Kept for herd replacement 2/	Head	31					Interest on operating capital 9/	Dol	16,619.4		0.15	2,493	15.20																																																																																																																																																																																																																																																											
Bulls	Head	8					Total cash costs	Dol				28,257	172.30																																																																																																																																																																																																																																																											
Sales:							Other costs:																																																																																																																																																																																																																																																																	
Steer calves	Head	30	500	65.67	9,851		Family labor 10/	Hrs	2,460.0		4.66	11,464	69.90																																																																																																																																																																																																																																																											
Heifer calves	Head	20	480	54.60	5,242		Capital replacement 11/	Dol				5,283	32.21																																																																																																																																																																																																																																																											
Yearling steers	Head	29	700	63.30	12,850		Interest on investment other than land 13/	Dol				15,768	96.15																																																																																																																																																																																																																																																											
Yearling heifers	Head	7	750	59.75	3,137		Interest on land 13/	Dol				55,960	341.22																																																																																																																																																																																																																																																											
Cull cows	Head	23	1,000	37.71	8,673		Total other costs	Dol				88,475	539.48																																																																																																																																																																																																																																																											
Total sales	Head				39,753	242.40	Total all costs	Dol				116,732	711.78																																																																																																																																																																																																																																																											
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																																	
Federal grazing fees 3/	AM	704.0		1.86	1,309	7.98	Return above cash costs and family labor	Dol				11,496	70.10																																																																																																																																																																																																																																																											
Private pasture lease	AUM	560.2		9.23	5,171	31.53	Return to total investment 14/	Dol				-5,251	-32.02																																																																																																																																																																																																																																																											
Other pasture lease 4/	AUM						Return to land 15/	Dol				-21,019	-128.16																																																																																																																																																																																																																																																											
State land lease	AUM																																																																																																																																																																																																																																																																							
Irrigated pasture	AUM																																																																																																																																																																																																																																																																							
Hay produced	Ton																																																																																																																																																																																																																																																																							
Hay purchased	Ton	82.0		71.17	5,836	35.59																																																																																																																																																																																																																																																																		
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td colspan="14">Feed source:</td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>3.0</td> <td>3.0</td> <td>21.0</td> <td>35.0</td> <td>40.0</td> <td>65.0</td> <td>120.0</td> <td>120.0</td> <td>67.0</td> <td></td> <td>3.0</td> <td>3.0</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>34.0</td> <td>34.0</td> <td>33.0</td> <td>31.0</td> <td>31.0</td> <td></td> <td></td> <td></td> <td>2.0</td> <td>3.0</td> <td>26.0</td> <td>30.0</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>43.0</td> <td>47.1</td> <td>45.1</td> <td>45.1</td> <td>47.6</td> <td>53.3</td> <td>35.1</td> <td>36.1</td> <td>53.1</td> <td>66.7</td> <td>44.0</td> <td>44.0</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>19.8</td> <td>141.2</td> <td>135.3</td> <td>135.1</td> <td>142.9</td> <td>159.8</td> <td>105.4</td> <td>108.4</td> <td>159.2</td> <td>200.2</td> <td>77.4</td> <td>22.8</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>32.8</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>16.4</td> <td>32.8</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="14">Marketing month:</td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>30.0</td> <td></td> <td></td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>20.0</td> <td></td> <td></td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td></td> <td></td> <td></td> <td></td> <td>29.0</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>7.0</td> <td></td> <td></td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>23.0</td> <td></td> <td></td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:														National Forest 16/	AM	3.0	3.0	21.0	35.0	40.0	65.0	120.0	120.0	67.0		3.0	3.0	Bureau of Land Management 16/	AM	34.0	34.0	33.0	31.0	31.0				2.0	3.0	26.0	30.0	Pasture rent/lease 17/	AUM	43.0	47.1	45.1	45.1	47.6	53.3	35.1	36.1	53.1	66.7	44.0	44.0	State land lease	AUM													Deeded rangeland 17/	AUM	19.8	141.2	135.3	135.1	142.9	159.8	105.4	108.4	159.2	200.2	77.4	22.8	Irrigated pasture 17/	AUM													Crop residue 17/	AUM													Hay	Ton	32.8										16.4	32.8	Grain	Bu													Protein supplement	Ton													Marketing month:														Steer calves	Head										30.0			Heifer calves	Head										20.0			Yearling steers	Head					29.0								Yearling heifers	Head										7.0			Cull cows	Head										23.0		
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																																												
Feed source:																																																																																																																																																																																																																																																																								
National Forest 16/	AM	3.0	3.0	21.0	35.0	40.0	65.0	120.0	120.0	67.0		3.0	3.0																																																																																																																																																																																																																																																											
Bureau of Land Management 16/	AM	34.0	34.0	33.0	31.0	31.0				2.0	3.0	26.0	30.0																																																																																																																																																																																																																																																											
Pasture rent/lease 17/	AUM	43.0	47.1	45.1	45.1	47.6	53.3	35.1	36.1	53.1	66.7	44.0	44.0																																																																																																																																																																																																																																																											
State land lease	AUM																																																																																																																																																																																																																																																																							
Deeded rangeland 17/	AUM	19.8	141.2	135.3	135.1	142.9	159.8	105.4	108.4	159.2	200.2	77.4	22.8																																																																																																																																																																																																																																																											
Irrigated pasture 17/	AUM																																																																																																																																																																																																																																																																							
Crop residue 17/	AUM																																																																																																																																																																																																																																																																							
Hay	Ton	32.8										16.4	32.8																																																																																																																																																																																																																																																											
Grain	Bu																																																																																																																																																																																																																																																																							
Protein supplement	Ton																																																																																																																																																																																																																																																																							
Marketing month:																																																																																																																																																																																																																																																																								
Steer calves	Head										30.0																																																																																																																																																																																																																																																													
Heifer calves	Head										20.0																																																																																																																																																																																																																																																													
Yearling steers	Head					29.0																																																																																																																																																																																																																																																																		
Yearling heifers	Head										7.0																																																																																																																																																																																																																																																													
Cull cows	Head										23.0																																																																																																																																																																																																																																																													

Table 200--Beef cow enterprises with 300 or more cows, Sierra National Forest, East-Central California, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																																												
Production:							::Cash costs--Continued																																																																																																																																																																																																																																																																		
Bred cows <u>1/</u>	Head	632	--	--	--	--	Protein supplement <u>5/</u>	Ton	--	--	--	--	--																																																																																																																																																																																																																																																												
Annual cow loss	Head	32	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																																												
Cows culled	Head	88	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--																																																																																																																																																																																																																																																												
Calves born alive	Head	506	--	--	--	--	Salt and mineral	Cwt	221.0	--	6.69	1,478	2.34																																																																																																																																																																																																																																																												
Calves lost birth to weaning	Head	51	--	--	--	--	Veterinary & medicine	Dol	--	--	--	4,088	6.47																																																																																																																																																																																																																																																												
Steer calves weaned	Head	227	--	--	--	--	Hired trucking	Dol	--	--	--	6,964	11.02																																																																																																																																																																																																																																																												
Sold as weaners	Head	114	--	--	--	--	Marketing <u>6/</u>	Dol	--	--	--	1,524	2.41																																																																																																																																																																																																																																																												
Lost after weaning	Head	2	--	--	--	--	General overhead <u>7/</u>	Dol	--	--	--	3,647	5.77																																																																																																																																																																																																																																																												
Sold as yearlings	Head	111	--	--	--	--	Hired labor	Hrs	3,975.0	--	4.66	18,524	29.31																																																																																																																																																																																																																																																												
Heifer calves weaned	Head	228	--	--	--	--	Fuel and lubricants	Dol	--	--	--	3,257	5.15																																																																																																																																																																																																																																																												
Sold as weaners	Head	78	--	--	--	--	Repairs	Dol	--	--	--	5,186	8.21																																																																																																																																																																																																																																																												
Lost after weaning	Head	3	--	--	--	--	Taxes <u>8/</u>	Dol	--	--	--	12,241	19.37																																																																																																																																																																																																																																																												
Sold as yearlings	Head	27	--	--	--	--	Insurance	Dol	--	--	--	2,779	4.40																																																																																																																																																																																																																																																												
Kept for herd replacement <u>2/</u>	Head	120	--	--	--	--	Interest on operating capital <u>9/</u>	Dol	42,330.5	--	0.15	6,350	10.05																																																																																																																																																																																																																																																												
Bulls	Head	32	--	--	--	--	Total cash costs	Dol	--	--	--	112,421	177.88																																																																																																																																																																																																																																																												
Sales:							::Other costs:																																																																																																																																																																																																																																																																		
Steer calves	Head	114	500	65.67	37,432	--	Family labor <u>10/</u>	Hrs	2,060.0	--	4.66	9,600	15.19																																																																																																																																																																																																																																																												
Heifer calves	Head	78	480	54.60	20,442	--	Capital replacement <u>11/</u>	Dol	--	--	--	17,175	27.18																																																																																																																																																																																																																																																												
Yearling steers	Head	111	700	63.30	49,184	--	Interest on investment other than land <u>13/</u>	Dol	--	--	--	58,887	93.18																																																																																																																																																																																																																																																												
Yearling heifers	Head	27	750	53.95	10,925	--	Interest on land <u>13/</u>	Dol	--	--	--	283,956	449.30																																																																																																																																																																																																																																																												
Cull cows	Head	88	1,000	37.71	33,185	--	Total other costs	Dol	--	--	--	369,618	584.84																																																																																																																																																																																																																																																												
Total sales	Head	--	--	--	151,168	239.19	Total all costs	Dol	--	--	--	482,039	762.72																																																																																																																																																																																																																																																												
Cash costs:							::Return above cash costs:																																																																																																																																																																																																																																																																		
Federal grazing fees <u>3/</u>	AM	1,009.0	--	1.86	1,877	2.97	Return above cash costs and family labor	Dol	--	--	--	38,747	61.31																																																																																																																																																																																																																																																												
Private pasture lease	AUM	2,385.3	--	9.23	22,016	34.84	Return to total investment <u>14/</u>	Dol	--	--	--	11,972	18.94																																																																																																																																																																																																																																																												
Other pasture lease <u>4/</u>	AUM	--	--	--	--	--	Return to land <u>15/</u>	Dol	--	--	--	-46,915	-74.23																																																																																																																																																																																																																																																												
State land lease	AUM	--	--	--	--	--																																																																																																																																																																																																																																																																			
Irrigated pasture	AUM	--	--	--	--	--																																																																																																																																																																																																																																																																			
Hay produced	Ton	316.0	--	71.17	22,490	35.59																																																																																																																																																																																																																																																																			
Hay purchased	Ton	--	--	--	--	--																																																																																																																																																																																																																																																																			
<table border="1"> <thead> <tr> <th>Item</th> <th>Unit</th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td colspan="14">Feed source:</td> </tr> <tr> <td>National Forest <u>16/</u></td> <td>AM</td> <td>22.0</td> <td>22.0</td> <td>83.0</td> <td>106.0</td> <td>101.0</td> <td>119.0</td> <td>162.0</td> <td>163.0</td> <td>114.0</td> <td>9.0</td> <td>9.0</td> <td>20.0</td> </tr> <tr> <td>Bureau of Land Management <u>16/</u></td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>18.0</td> <td>23.0</td> <td>12.0</td> <td>12.0</td> <td>11.0</td> <td>3.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Pasture rent/lease <u>17/</u></td> <td>AUM</td> <td>86.8</td> <td>210.7</td> <td>207.6</td> <td>217.3</td> <td>230.4</td> <td>238.4</td> <td>233.3</td> <td>236.2</td> <td>244.5</td> <td>253.5</td> <td>139.4</td> <td>87.2</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland <u>17/</u></td> <td>AUM</td> <td>260.3</td> <td>632.1</td> <td>622.9</td> <td>651.9</td> <td>691.1</td> <td>715.2</td> <td>700.0</td> <td>708.7</td> <td>733.6</td> <td>760.4</td> <td>418.2</td> <td>261.8</td> </tr> <tr> <td>Irrigated pasture <u>17/</u></td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue <u>17/</u></td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>126.4</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>63.2</td> <td>126.4</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td colspan="14">Marketing month:</td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>114.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>78.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>111.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>27.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>44.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>44.0</td> <td>--</td> <td>--</td> </tr> </tbody> </table>														Item	Unit	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:														National Forest <u>16/</u>	AM	22.0	22.0	83.0	106.0	101.0	119.0	162.0	163.0	114.0	9.0	9.0	20.0	Bureau of Land Management <u>16/</u>	AM	--	--	--	--	18.0	23.0	12.0	12.0	11.0	3.0	--	--	Pasture rent/lease <u>17/</u>	AUM	86.8	210.7	207.6	217.3	230.4	238.4	233.3	236.2	244.5	253.5	139.4	87.2	State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--	--	Deeded rangeland <u>17/</u>	AUM	260.3	632.1	622.9	651.9	691.1	715.2	700.0	708.7	733.6	760.4	418.2	261.8	Irrigated pasture <u>17/</u>	AUM	--	--	--	--	--	--	--	--	--	--	--	--	Crop residue <u>17/</u>	AUM	--	--	--	--	--	--	--	--	--	--	--	--	Hay	Ton	126.4	--	--	--	--	--	--	--	--	--	63.2	126.4	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--	--	Marketing month:														Steer calves	Head	--	--	--	--	--	--	--	--	--	114.0	--	--	Heifer calves	Head	--	--	--	--	--	--	--	--	--	78.0	--	--	Yearling steers	Head	--	--	--	--	111.0	--	--	--	--	--	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	--	--	27.0	--	--	Cull cows	Head	--	--	--	--	44.0	--	--	--	--	44.0	--	--
Item	Unit	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																																												
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National Forest <u>16/</u>	AM	22.0	22.0	83.0	106.0	101.0	119.0	162.0	163.0	114.0	9.0	9.0	20.0																																																																																																																																																																																																																																																												
Bureau of Land Management <u>16/</u>	AM	--	--	--	--	18.0	23.0	12.0	12.0	11.0	3.0	--	--																																																																																																																																																																																																																																																												
Pasture rent/lease <u>17/</u>	AUM	86.8	210.7	207.6	217.3	230.4	238.4	233.3	236.2	244.5	253.5	139.4	87.2																																																																																																																																																																																																																																																												
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Deeded rangeland <u>17/</u>	AUM	260.3	632.1	622.9	651.9	691.1	715.2	700.0	708.7	733.6	760.4	418.2	261.8																																																																																																																																																																																																																																																												
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Crop residue <u>17/</u>	AUM	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																												
Hay	Ton	126.4	--	--	--	--	--	--	--	--	--	63.2	126.4																																																																																																																																																																																																																																																												
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																												
Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																												
Marketing month:																																																																																																																																																																																																																																																																									
Steer calves	Head	--	--	--	--	--	--	--	--	--	114.0	--	--																																																																																																																																																																																																																																																												
Heifer calves	Head	--	--	--	--	--	--	--	--	--	78.0	--	--																																																																																																																																																																																																																																																												
Yearling steers	Head	--	--	--	--	111.0	--	--	--	--	--	--	--																																																																																																																																																																																																																																																												
Yearling heifers	Head	--	--	--	--	--	--	--	--	--	27.0	--	--																																																																																																																																																																																																																																																												
Cull cows	Head	--	--	--	--	44.0	--	--	--	--	44.0	--	--																																																																																																																																																																																																																																																												

Table 201--Beef cow enterprises with up to 99 cows, Six Rivers National Forest, Northern California, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																												
Production:							Cash costs--Continued																																																																																																																																																																																																																																																		
Bred cows 1/	Head	36	--	--	--	--	Protein supplement 5/	Ton	--	--	--	--	--																																																																																																																																																																																																																																												
Annual cow loss	Head	1	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																												
Cows culled	Head	2	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--																																																																																																																																																																																																																																												
Calves born alive	Head	31	--	--	--	--	Salt and mineral	Cwt	13.0	--	6.69	87	2.42																																																																																																																																																																																																																																												
Calves lost birth to weaning	Head	2	--	--	--	--	Veterinary & medicine	Dol	--	--	--	221	6.14																																																																																																																																																																																																																																												
Steer calves weaned	Head	14	--	--	--	--	Hired trucking	Dol	--	--	--	185	5.14																																																																																																																																																																																																																																												
Sold as weaners	Head	6	--	--	--	--	Marketing 6/	Dol	--	--	--	163	4.53																																																																																																																																																																																																																																												
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	Dol	--	--	--	344	9.56																																																																																																																																																																																																																																												
Sold as yearlings	Head	8	--	--	--	--	Hired labor	Hrs	--	--	--	--	--																																																																																																																																																																																																																																												
Heifer calves weaned	Head	15	--	--	--	--	Fuel and lubricants	Dol	--	--	--	461	12.81																																																																																																																																																																																																																																												
Sold as weaners	Head	3	--	--	--	--	Repairs	Dol	--	--	--	347	9.64																																																																																																																																																																																																																																												
Lost after weaning	Head	--	--	--	--	--	Taxes 8/	Dol	--	--	--	608	16.89																																																																																																																																																																																																																																												
Sold as yearlings	Head	9	--	--	--	--	Insurance	Dol	--	--	--	157	4.36																																																																																																																																																																																																																																												
Kept for herd replacement 2/	Head	3	--	--	--	--	Interest on operating capital 9/	Dol	2,730.0	--	0.15	410	11.39																																																																																																																																																																																																																																												
Bulls	Head	3	--	--	--	--	Total cash costs	Dol	--	--	--	5,391	149.75																																																																																																																																																																																																																																												
Sales:							Other costs:																																																																																																																																																																																																																																																		
Steer calves	Head	6	460	65.67	1,812	--	Family labor 10/	Hrs	468.0	--	4.66	2,181	60.58																																																																																																																																																																																																																																												
Heifer calves	Head	3	430	54.60	704	--	Capital replacement 11/	Dol	--	--	--	1,373	38.14																																																																																																																																																																																																																																												
Yearling steers	Head	8	640	63.30	3,241	--	Interest on investment other than land 13/	Dol	--	--	--	3,399	94.42																																																																																																																																																																																																																																												
Yearling heifers	Head	9	610	55.75	3,061	--	Interest on land 13/	Dol	--	--	--	13,797	383.25																																																																																																																																																																																																																																												
Cull cows	Head	2	900	37.71	679	--	Total other costs	Dol	--	--	--	20,750	576.39																																																																																																																																																																																																																																												
Total sales	Head	--	--	--	9,497	263.81	Total all costs	Dol	--	--	--	26,141	726.14																																																																																																																																																																																																																																												
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																		
Federal grazing fees 3/	AM	100.0	--	1.86	186	5.17	Return above cash costs and family labor	Dol	--	--	--	4,106	114.06																																																																																																																																																																																																																																												
Private pasture lease	AUM	99.7	--	9.23	920	25.56	Return to total investment 14/	Dol	--	--	--	552	15.33																																																																																																																																																																																																																																												
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-2,847	-79.08																																																																																																																																																																																																																																												
State land lease	AUM	--	--	--	--	--																																																																																																																																																																																																																																																			
Irrigated pasture	AUM	--	--	--	--	--																																																																																																																																																																																																																																																			
Hay produced	Ton	--	--	--	--	--																																																																																																																																																																																																																																																			
Hay purchased	Ton	18.3	--	71.17	1,302	36.17																																																																																																																																																																																																																																																			
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td colspan="14">Feed source:</td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>4.0</td> <td>13.0</td> <td>16.0</td> <td>23.0</td> <td>29.0</td> <td>--</td> <td>15.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>4.6</td> <td>5.6</td> <td>9.6</td> <td>11.4</td> <td>9.7</td> <td>9.7</td> <td>8.2</td> <td>6.7</td> <td>6.4</td> <td>8.4</td> <td>9.6</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>18.4</td> <td>22.4</td> <td>38.4</td> <td>45.4</td> <td>38.8</td> <td>38.8</td> <td>32.6</td> <td>26.6</td> <td>25.6</td> <td>33.5</td> <td>38.4</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>7.8</td> <td>7.8</td> <td>2.7</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td colspan="14">Marketing month:</td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>6.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>3.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>8.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>8.0</td> <td>--</td> <td>--</td> <td>--</td> <td>1.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>2.0</td> <td>--</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:														National Forest 16/	AM	--	--	4.0	13.0	16.0	23.0	29.0	--	15.0	--	--	Bureau of Land Management 16/	AM	--	--	--	--	--	--	--	--	--	--	--	Pasture rent/lease 17/	AUM	4.6	5.6	9.6	11.4	9.7	9.7	8.2	6.7	6.4	8.4	9.6	State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--	Deeded rangeland 17/	AUM	18.4	22.4	38.4	45.4	38.8	38.8	32.6	26.6	25.6	33.5	38.4	Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	Hay	Ton	7.8	7.8	2.7	--	--	--	--	--	--	--	--	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--	Marketing month:														Steer calves	Head	--	--	--	--	--	--	--	--	6.0	--	--	Heifer calves	Head	--	--	--	--	--	--	--	--	3.0	--	--	Yearling steers	Head	--	--	--	--	8.0	--	--	--	--	--	--	Yearling heifers	Head	--	--	--	--	8.0	--	--	--	1.0	--	--	Cull cows	Head	--	--	--	--	--	--	--	--	2.0	--	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																													
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Pasture rent/lease 17/	AUM	4.6	5.6	9.6	11.4	9.7	9.7	8.2	6.7	6.4	8.4	9.6																																																																																																																																																																																																																																													
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Cull cows	Head	--	--	--	--	--	--	--	--	2.0	--	--																																																																																																																																																																																																																																													

Table 202--Beef cow enterprises with 100 or more cows, Six Rivers National Forest, Northern California, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow
Production:							Cash costs--Continued						
Bred cows ^{1/}	Head	267					Protein supplement ^{5/}	Ton					
Annual cow loss	Head	11					Grain	Bu					
Cows culled	Head	16					Miscellaneous	Ton					
Calves born alive	Head	230					Salt and mineral	Cwt	93.0		6.69	622	2.33
Calves lost birth to weaning	Head	14					Veterinary & medicine	Dol				1,043	3.91
Steer calves weaned	Head	108					Hired trucking	Dol				596	2.23
Sold as weaners	Head	43					Marketing ^{6/}	Dol				364	1.36
Lost after weaning	Head	1					General overhead ^{7/}	Dol				2,374	8.89
Sold as yearlings	Head	64					Hired labor	Hrs	1,068.0		4.66	4,977	18.64
Heifer calves weaned	Head	109					Fuel and lubricants	Dol				1,938	7.26
Sold as weaners	Head	16					Repairs	Dol				1,242	4.65
Lost after weaning	Head	3					Taxes ^{8/}	Dol				3,734	13.99
Sold as yearlings	Head	63					Insurance	Dol				1,142	4.28
Kept for herd replacement ^{2/}	Head	27					Interest on operating capital ^{9/}	Dol	14,421.0		0.15	2,134	7.99
Bulls	Head	19					Total cash costs	Dol				41,775	156.46
Sales:							Other costs:						
Steer calves	Head	43	460	65.67	12,990		Family labor ^{10/}	Hrs	2,050.0		4.66	9,553	35.78
Heifer calves	Head	16	430	54.60	3,756		Capital replacement ^{11/}	Dol				7,261	27.19
Yearling steers	Head	64	640	63.30	25,928		Interest on investment other than land ^{13/}	Dol				22,988	86.10
Yearling heifers	Head	63	610	55.75	21,425		Interest on land ^{13/}	Dol				86,234	322.97
Cull cows	Head	16	900	37.71	5,430		Total other costs	Dol				126,036	472.04
Total sales	Head				69,529	260.41	Total all costs	Dol				167,811	628.51
Cash costs:							Return above cash costs:						
Federal grazing fees ^{3/}	AM	960.0		1.86	1,786	6.69	Return above cash costs and family labor	Dol				18,201	68.17
Private pasture lease	AUM	1,109.0		9.23	10,236	38.34	Return to total investment ^{14/}	Dol				10,940	40.97
Other pasture lease ^{4/}	AUM						Return to land ^{15/}	Dol				-12,048	-45.13
State land lease	AUM												
Irrigated pasture	AUM												
Hay produced	Ton												
Hay purchased	Ton	134.7		71.17	9,587	35.91							
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Feed source:													
National Forest ^{16/}	AM			56.0	56.0	97.0	135.0	148.0	148.0	148.0	141.0	31.0	
Bureau of Land Management ^{16/}	AM												
Pasture rent/lease ^{17/}	AUM	50.4	60.6	87.0	115.0	108.0	101.0	100.0	102.0	99.0	81.0	97.0	108.0
State land lease	AUM												
Deeded rangeland ^{17/}	AUM	117.6	141.4	204.2	268.6	252.8	234.6	232.3	238.3	232.3	189.6	225.3	253.0
Irrigated pasture ^{17/}	AUM												
Crop residue ^{17/}	AUM												
Hay	Ton	57.9	57.9	18.9									
Grain	Bu												
Protein supplement	Ton												
Marketing month:													
Steer calves	Head										43.0		
Heifer calves	Head										16.0		
Yearling steers	Head					64.0							
Yearling heifers	Head					57.0					6.0		
Cull cows	Head										16.0		

Table 203--Beef cow enterprises with up to 799 cows, Stanislaus National Forest, East-Central California, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																												
Production:							Cash costs--Continued																																																																																																																																																																																																																																																		
Bred cows 1/	Head	337	--	--	--	--	Protein supplement 5/	Ton	44.0	--	232.80	10,243	30.39																																																																																																																																																																																																																																												
Annual cow loss	Head	7	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																												
Cows culled	Head	39	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--																																																																																																																																																																																																																																												
Calves born alive	Head	286	--	--	--	--	Salt and mineral	Cwt	118.0	--	6.69	789	2.34																																																																																																																																																																																																																																												
Calves lost birth to weaning	Head	14	--	--	--	--	Veterinary & medicine	Dol	--	--	--	2,062	6.12																																																																																																																																																																																																																																												
Steer calves weaned	Head	136	--	--	--	--	Hired trucking	Dol	--	--	--	1,722	5.11																																																																																																																																																																																																																																												
Sold as weaners	Head	49	--	--	--	--	Marketing 6/	Dol	--	--	--	1,529	4.54																																																																																																																																																																																																																																												
Lost after weaning	Head	2	--	--	--	--	General overhead 7/	Dol	--	--	--	4,196	12.45																																																																																																																																																																																																																																												
Sold as yearlings	Head	85	--	--	--	--	Hired labor	Hrs	1,759.0	--	4.66	8,197	24.32																																																																																																																																																																																																																																												
Heifer calves weaned	Head	136	--	--	--	--	Fuel and lubricants	Dol	--	--	--	4,337	12.87																																																																																																																																																																																																																																												
Sold as weaners	Head	43	--	--	--	--	Repairs	Dol	--	--	--	4,241	12.58																																																																																																																																																																																																																																												
Lost after weaning	Head	2	--	--	--	--	Taxes 8/	Dol	--	--	--	5,678	16.85																																																																																																																																																																																																																																												
Sold as yearlings	Head	45	--	--	--	--	Insurance	Dol	--	--	--	1,514	4.49																																																																																																																																																																																																																																												
Kept for herd replacement 2/	Head	46	--	--	--	--	Interest on operating capital 9/	Dol	23,792.0	--	0.15	3,569	10.59																																																																																																																																																																																																																																												
Bulls	Head	15	--	--	--	--	Total cash costs	Dol	--	--	--	80,661	239.35																																																																																																																																																																																																																																												
Sales:							Other costs:																																																																																																																																																																																																																																																		
Steer calves	Head	49	600	61.62	18,116	--	Family labor 10/	Hrs	4,664.0	--	4.66	21,734	64.49																																																																																																																																																																																																																																												
Heifer calves	Head	43	500	53.00	11,395	--	Capital replacement 11/	Dol	--	--	--	10,631	31.55																																																																																																																																																																																																																																												
Yearling steers	Head	85	750	61.12	38,964	--	Interest on investment other than land 13/	Dol	--	--	--	30,996	91.98																																																																																																																																																																																																																																												
Yearling heifers	Head	45	650	55.04	16,099	--	Interest on land 13/	Dol	--	--	--	127,418	378.09																																																																																																																																																																																																																																												
Cull cows	Head	39	1,085	40.72	17,231	--	Total other costs	Dol	--	--	--	190,779	566.11																																																																																																																																																																																																																																												
Total sales	Head	--	--	--	101,805	302.09	Total all costs	Dol	--	--	--	271,440	805.45																																																																																																																																																																																																																																												
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																		
Federal grazing fees 3/	AM	538.0	--	1.86	1,001	2.97	Return above cash costs and family labor	Dol	--	--	--	21,144	62.74																																																																																																																																																																																																																																												
Private pasture lease	AUM	930.7	--	9.23	8,590	25.49	Return to total investment 14/	Dol	--	--	--	-11,221	-33.30																																																																																																																																																																																																																																												
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-42,217	-125.27																																																																																																																																																																																																																																												
State land lease	AUM	--	--	--	--	--																																																																																																																																																																																																																																																			
Irrigated pasture	AUM	1,176.8	--	4.25	5,001	14.84																																																																																																																																																																																																																																																			
Hay produced	Ton	--	--	--	--	--																																																																																																																																																																																																																																																			
Hay purchased	Ton	252.8	--	71.17	17,992	53.39																																																																																																																																																																																																																																																			
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td>Feed source:</td> <td colspan="13"></td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>57.0</td> <td>86.0</td> <td>144.0</td> <td>146.0</td> <td>105.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>46.5</td> <td>64.6</td> <td>78.4</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>210.2</td> <td>206.2</td> <td>160.5</td> <td>164.3</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>64.2</td> <td>89.1</td> <td>108.3</td> <td>289.2</td> <td>241.5</td> <td>323.7</td> <td>251.6</td> <td>255.0</td> <td>203.2</td> <td>199.4</td> <td>155.2</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>166.8</td> <td>179.7</td> <td>192.6</td> <td>198.0</td> <td>200.7</td> <td>87.1</td> <td>85.4</td> <td>66.5</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>84.3</td> <td>84.3</td> <td>84.2</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>8.8</td> <td>8.8</td> <td>8.8</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>8.8</td> <td>8.8</td> </tr> <tr> <td>Marketing month:</td> <td colspan="13"></td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>49.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>43.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>85.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>10.0</td> <td>35.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>39.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:														National Forest 16/	AM	--	--	--	57.0	86.0	144.0	146.0	105.0	--	--	--	Bureau of Land Management 16/	AM	--	--	--	--	--	--	--	--	--	--	--	Pasture rent/lease 17/	AUM	46.5	64.6	78.4	--	--	--	--	210.2	206.2	160.5	164.3	State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--	Deeded rangeland 17/	AUM	64.2	89.1	108.3	289.2	241.5	323.7	251.6	255.0	203.2	199.4	155.2	Irrigated pasture 17/	AUM	--	--	--	166.8	179.7	192.6	198.0	200.7	87.1	85.4	66.5	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	Hay	Ton	84.3	84.3	84.2	--	--	--	--	--	--	--	--	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	8.8	8.8	8.8	--	--	--	--	--	--	8.8	8.8	Marketing month:														Steer calves	Head	--	--	--	--	--	49.0	--	--	--	--	--	Heifer calves	Head	--	--	--	--	--	43.0	--	--	--	--	--	Yearling steers	Head	--	--	--	--	--	85.0	--	--	--	--	--	Yearling heifers	Head	--	--	--	--	10.0	35.0	--	--	--	--	--	Cull cows	Head	--	--	--	--	39.0	--	--	--	--	--	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																													
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Pasture rent/lease 17/	AUM	46.5	64.6	78.4	--	--	--	--	210.2	206.2	160.5	164.3																																																																																																																																																																																																																																													
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Deeded rangeland 17/	AUM	64.2	89.1	108.3	289.2	241.5	323.7	251.6	255.0	203.2	199.4	155.2																																																																																																																																																																																																																																													
Irrigated pasture 17/	AUM	--	--	--	166.8	179.7	192.6	198.0	200.7	87.1	85.4	66.5																																																																																																																																																																																																																																													
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Hay	Ton	84.3	84.3	84.2	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Protein supplement	Ton	8.8	8.8	8.8	--	--	--	--	--	--	8.8	8.8																																																																																																																																																																																																																																													
Marketing month:																																																																																																																																																																																																																																																									
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Heifer calves	Head	--	--	--	--	--	43.0	--	--	--	--	--																																																																																																																																																																																																																																													
Yearling steers	Head	--	--	--	--	--	85.0	--	--	--	--	--																																																																																																																																																																																																																																													
Yearling heifers	Head	--	--	--	--	10.0	35.0	--	--	--	--	--																																																																																																																																																																																																																																													
Cull cows	Head	--	--	--	--	39.0	--	--	--	--	--	--																																																																																																																																																																																																																																													

Table 204--Beef cow enterprises with 800 or more cows, Stanislaus National Forest, East-Central California, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																											
Production:							Cash costs--Continued:																																																																																																																																																																																																																																																	
Bred cows 1/	Head	1,820	--	--	--	--	Protein supplement 5/	Ton	273.0	--	232.80	63,554	34.92																																																																																																																																																																																																																																											
Annual cow loss	Head	36	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																											
Cows culled	Head	210	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--																																																																																																																																																																																																																																											
Calves born alive	Head	1,638	--	--	--	--	Salt and mineral	Cwt	637.0	--	6.69	4,262	2.34																																																																																																																																																																																																																																											
Calves lost birth to weaning	Head	82	--	--	--	--	Veterinary & medicine	Dol	--	--	--	11,770	6.47																																																																																																																																																																																																																																											
Steer calves weaned	Head	778	--	--	--	--	Hired trucking	Dol	--	--	--	20,055	11.02																																																																																																																																																																																																																																											
Sold as weaners	Head	171	--	--	--	--	Marketing 6/	Dol	--	--	--	4,678	2.57																																																																																																																																																																																																																																											
Lost after weaning	Head	12	--	--	--	--	General overhead 7/	Dol	--	--	--	24,346	13.38																																																																																																																																																																																																																																											
Sold as yearlings	Head	595	--	--	--	--	Hired labor	Hrs	11,448.0	--	4.66	53,348	29.31																																																																																																																																																																																																																																											
Heifer calves weaned	Head	778	--	--	--	--	Fuel and lubricants	Dol	--	--	--	8,608	4.73																																																																																																																																																																																																																																											
Sold as weaners	Head	278	--	--	--	--	Repairs	Dol	--	--	--	13,175	7.24																																																																																																																																																																																																																																											
Lost after weaning	Head	10	--	--	--	--	Taxes 8/	Dol	--	--	--	25,491	14.01																																																																																																																																																																																																																																											
Sold as yearlings	Head	244	--	--	--	--	Insurance	Dol	--	--	--	7,484	4.11																																																																																																																																																																																																																																											
Kept for herd replacement 2/	Head	246	--	--	--	--	Interest on operating capital 9/	Dol	132,866.4	--	0.15	19,930	10.95																																																																																																																																																																																																																																											
Bulls	Head	79	--	--	--	--	Total cash costs	Dol	--	--	--	442,433	243.10																																																																																																																																																																																																																																											
Sales:							Other costs:																																																																																																																																																																																																																																																	
Steer calves	Head	171	600	61.62	63,222	--	Family labor 10/	Hrs	5,915.0	--	4.66	27,564	15.15																																																																																																																																																																																																																																											
Heifer calves	Head	278	500	53.00	73,670	--	Capital replacement 11/	Dol	--	--	--	38,528	21.17																																																																																																																																																																																																																																											
Yearling steers	Head	595	750	62.25	277,791	--	Interest on investment other than land 13/	Dol	--	--	--	154,954	85.14																																																																																																																																																																																																																																											
Yearling heifers	Head	244	650	55.75	88,420	--	Interest on land 13/	Dol	--	--	--	590,443	324.42																																																																																																																																																																																																																																											
Cull cows	Head	210	1,085	39.85	90,798	--	Total other costs	Dol	--	--	--	811,489	445.87																																																																																																																																																																																																																																											
Total sales	Head	--	--	--	593,901	326.32	Total all costs	Dol	--	--	--	-1,253,922	688.97																																																																																																																																																																																																																																											
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																	
Federal grazing fees 3/	AM	1,886.0	--	1.86	3,508	1.93	Return above cash costs and family labor	Dol	--	--	--	151,468	83.22																																																																																																																																																																																																																																											
Private pasture lease	AUM	5,639.0	--	9.23	52,048	28.60	Return to total investment 14/	Dol	--	--	--	85,376	46.91																																																																																																																																																																																																																																											
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-69,578	-38.23																																																																																																																																																																																																																																											
State land lease	AUM	--	--	--	--	--																																																																																																																																																																																																																																																		
Irrigated pasture	AUM	7,771.5	--	4.25	33,029	18.15																																																																																																																																																																																																																																																		
Hay produced	Ton	--	--	--	--	--																																																																																																																																																																																																																																																		
Hay purchased	Ton	1,365.0	--	71.17	97,147	53.38																																																																																																																																																																																																																																																		
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td>Feed source:</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>100.0</td> <td>160.0</td> <td>182.0</td> <td>305.0</td> <td>314.0</td> <td>172.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>12.0</td> <td>12.0</td> <td>62.0</td> <td>118.0</td> <td>115.0</td> <td>112.0</td> <td>112.0</td> <td>62.0</td> <td>12.0</td> <td>12.0</td> <td>12.0</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>254.5</td> <td>354.0</td> <td>404.7</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>1,507.0</td> <td>1,111.7</td> <td>992.0</td> <td>1,015.1</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>922.2</td> <td>993.3</td> <td>1,064.7</td> <td>1,097.7</td> <td>1,114.5</td> <td>1,076.4</td> <td>794.1</td> <td>708.6</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>455.0</td> <td>455.0</td> <td>455.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>54.6</td> <td>54.6</td> <td>54.6</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>54.6</td> <td>54.6</td> </tr> <tr> <td colspan="14">Marketing month:</td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>171.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>278.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>595.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>55.0</td> <td>189.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>210.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:													National Forest 16/	AM	--	--	--	100.0	160.0	182.0	305.0	314.0	172.0	--	--	Bureau of Land Management 16/	AM	12.0	12.0	62.0	118.0	115.0	112.0	112.0	62.0	12.0	12.0	12.0	Pasture rent/lease 17/	AUM	254.5	354.0	404.7	--	--	--	--	1,507.0	1,111.7	992.0	1,015.1	State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--	Deeded rangeland 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	Irrigated pasture 17/	AUM	--	--	--	922.2	993.3	1,064.7	1,097.7	1,114.5	1,076.4	794.1	708.6	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	Hay	Ton	455.0	455.0	455.0	--	--	--	--	--	--	--	--	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	54.6	54.6	54.6	--	--	--	--	--	--	54.6	54.6	Marketing month:														Steer calves	Head	--	--	--	--	--	171.0	--	--	--	--	--	Heifer calves	Head	--	--	--	--	--	278.0	--	--	--	--	--	Yearling steers	Head	--	--	--	--	595.0	--	--	--	--	--	--	Yearling heifers	Head	--	--	--	55.0	189.0	--	--	--	--	--	--	Cull cows	Head	--	--	--	210.0	--	--	--	--	--	--	--
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Table 205--Beef cow enterprises with up to 149 cows, Tahoe National Forest, East Central California, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow
Production:							Cash costs--Continued						
Bred cows 1/	Head	87					Protein supplement 5/	Ton	15.6		232.80	3,632	41.75
Annual cow loss	Head	4					Grain	Bu					
Cows culled	Head	13					Miscellaneous	Ton					
Calves born alive	Head	74					Salt and mineral	Cwt	30.5		6.69	204	2.34
Calves lost birth to weaning	Head	4					Veterinary & medicine	Dol				489	5.62
Steer calves weaned	Head	35					Hired trucking	Dol				322	3.70
Sold as weaners	Head	18					Marketing 6/	Dol				80	0.92
Lost after weaning	Head						General overhead 7/	Dol				1,039	11.94
Sold as yearlings	Head	17					Hired labor	Hrs	30.0		4.66	140	1.61
Heifer calves weaned	Head	35					Fuel and lubricants	Dol				1,589	18.26
Sold as weaners	Head	11					Repairs	Dol				1,400	16.09
Lost after weaning	Head						Taxes 8/	Dol				1,537	17.67
Sold as yearlings	Head	7					Insurance	Dol				425	4.89
Kept for herd replacement 2/	Head	17					Interest on operating capital 9/	Dol	7,779.5		0.15	1,151	13.23
Bulls	Head	4					Total cash costs	Dol				20,715	238.10
Sales:							Other costs:						
Steer calves	Head	18	600	64.62	6,979		Family labor 10/	Hrs	1,646.0		4.66	7,670	88.16
Heifer calves	Head	11	400	56.31	2,478		Capital replacement 11/	Dol				3,900	44.83
Yearling steers	Head	17	734	62.00	7,736		Interest on investment other than land 13/	Dol				9,042	103.93
Yearling heifers	Head	7	650	56.56	2,573		Interest on land 13/	Dol				33,039	379.76
Cull cows	Head	13	1,050	39.71	5,420		Total other costs	Dol				53,651	616.68
Total sales	Head				25,186	289.49	Total all costs	Dol				74,366	854.78
Cash costs:							Return above cash costs:						
Federal grazing fees 3/	AM	118.0		1.86	219	2.52	Return above cash costs and family labor	Dol				-3,199	-36.77
Private pasture lease	AUM	667.8		9.23	6,164	70.85	Return to total investment 14/	Dol				-7,099	-81.60
Other pasture lease 4/	AUM						Return to land 15/	Dol				-16,141	-185.53
State land lease	AUM												
Irrigated pasture	AUM	106.8		4.25	454	5.22							
Hay produced	Ton	1.3		36.89	48	0.55							
Hay purchased	Ton	25.6		71.17	1,822	20.94							
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Feed source:													
National Forest 16/	AM					8.0	17.0	39.0	42.0	5.0	7.0		
Bureau of Land Management 16/	AM												
Pasture rent/lease 17/	AUM	48.4	53.7	57.2	62.0	66.9	60.8	48.4	47.4	71.3	55.9	47.4	48.4
State land lease	AUM												
Deeded rangeland 17/	AUM	28.1	34.8	39.3	62.2	74.2	35.9	28.6	28.0	83.9	42.1	42.2	28.1
Irrigated pasture 17/	AUM						41.4	33.0	32.4				
Crop residue 17/	AUM										12.7	4.8	
Hay	Ton	6.0	6.0	6.0	2.9								6.0
Grain	Bu												
Protein supplement	Ton	2.6	2.6	2.6	1.3						1.3	2.6	2.6
Marketing month:													
Steer calves	Head									18.0			
Heifer calves	Head									11.0			
Yearling steers	Head									17.0			
Yearling heifers	Head									7.0			
Cull cows	Head									13.0			

Table 206—Beef cow enterprises with up to 150-399 cows, Tahoe National Forest, East Central California, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow
Production:							Cash costs--Continued						
Bred cows ^{1/}	Head	240	--	--	--	--	Protein supplement ^{5/}	Ton	43.2	--	232.80	10,057	41.90
Annual cow loss	Head	12	--	--	--	--	Grain	Bu	--	--	--	--	--
Cows culled	Head	36	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--
Calves born alive	Head	204	--	--	--	--	Salt and mineral	Cwt	84.0	--	6.69	562	2.34
Calves lost birth to weaning	Head	10	--	--	--	--	Veterinary & medicine	Dol	--	--	--	1,047	4.36
Steer calves weaned	Head	97	--	--	--	--	Hired trucking	Dol	--	--	--	694	2.89
Sold as weaners	Head	49	--	--	--	--	Marketing ^{6/}	Dol	--	--	--	691	2.88
Lost after weaning	Head	1	--	--	--	--	General overhead ^{7/}	Dol	--	--	--	2,879	12.00
Sold as yearlings	Head	47	--	--	--	--	Hired labor	Hrs	1,385.0	--	4.66	6,454	26.89
Heifer calves weaned	Head	97	--	--	--	--	Fuel and lubricants	Dol	--	--	--	3,192	13.30
Sold as weaners	Head	30	--	--	--	--	Repairs	Dol	--	--	--	3,041	12.67
Lost after weaning	Head	1	--	--	--	--	Taxes ^{8/}	Dol	--	--	--	3,855	16.06
Sold as yearlings	Head	18	--	--	--	--	Insurance	Dol	--	--	--	1,101	4.59
Kept for herd replacement ^{2/}	Head	48	--	--	--	--	Interest on operating capital ^{9/}	Dol	23,517.3	--	0.15	3,481	14.50
Bulls	Head	9	--	--	--	--	Total cash costs	Dol	--	--	--	60,814	253.39
							Other costs:						
Sales:							Family labor ^{10/}	Hrs	3,983.0	--	4.66	18,561	77.34
Steer calves	Head	49	600	64.62	18,998	--	Capital replacement ^{11/}	Dol	--	--	--	7,727	32.20
Heifer calves	Head	30	400	56.31	6,757	--	Interest on investment other than land ^{13/}	Dol	--	--	--	22,704	94.60
Yearling steers	Head	47	734	62.00	21,389	--	Interest on land ^{13/}	Dol	--	--	--	85,214	355.09
Yearling heifers	Head	18	650	56.56	6,618	--	Total other costs	Dol	--	--	--	134,206	559.19
Cull cows	Head	36	1,050	39.71	15,010	--	Total all costs	Dol	--	--	--	195,020	812.58
Total sales	Head	--	--	--	68,772	286.55							
Cash costs:													
Federal grazing fees ^{3/}	AM	419.0	--	1.86	779	3.25	Return above cash costs	Dol	--	--	--	7,958	33.16
Private pasture lease	AUM	1,812.4	--	9.23	16,728	69.70	Return above cash costs and family labor	Dol	--	--	--	-10,603	-44.18
Other pasture lease ^{4/}	AUM	--	--	--	--	--	Return to total investment ^{14/}	Dol	--	--	--	-18,330	-76.38
State land lease	AUM	--	--	--	--	--	Return to land ^{15/}	Dol	--	--	--	-41,034	-170.98
Irrigated pasture	AUM	279.6	--	4.25	1,188	4.95							
Hay produced	Ton	3.6	--	36.89	133	0.55							
Hay purchased	Ton	69.3	--	71.17	4,932	20.55							
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Feed source:													
National Forest ^{16/}	AM	--	--	--	--	20.0	78.0	99.0	120.0	90.0	12.0	--	--
Bureau of Land Management ^{16/}	AM	--	--	--	--	--	--	--	--	--	--	--	--
Pasture rent/lease ^{17/}	AUM	133.3	146.5	157.1	169.8	183.0	146.1	137.4	126.6	195.8	152.7	130.8	133.3
State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--	--
Deeded rangeland ^{17/}	AUM	78.3	95.1	108.5	170.5	205.6	86.3	81.2	74.8	126.2	144.0	99.2	78.3
Irrigated pasture ^{17/}	AUM	--	--	--	--	--	99.6	93.7	86.3	--	--	--	--
Crop residue ^{17/}	AUM	--	--	--	--	--	--	--	--	--	15.3	29.7	--
Hay	Ton	16.2	16.2	16.2	8.1	--	--	--	--	--	--	--	16.2
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--
Protein supplement	Ton	7.2	7.2	7.2	3.6	--	--	--	--	--	3.6	7.2	7.2
Marketing month:													
Steer calves	Head	--	--	--	--	--	--	--	--	49.0	--	--	--
Heifer calves	Head	--	--	--	--	--	--	--	--	30.0	--	--	--
Yearling steers	Head	--	--	--	--	--	--	--	--	47.0	--	--	--
Yearling heifers	Head	--	--	--	--	--	--	--	--	18.0	--	--	--
Cull cows	Head	--	--	--	--	--	--	--	--	36.0	--	--	--

Table 207--Beef cow enterprises with 400 or more cows, Tahoe National Forest, East Central California, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																												
Production:							Cash costs--Continued																																																																																																																																																																																																																																																		
Bred cows 1/	Head	1,140					Protein supplement 5/	Ton	205.2		232.80	47,771	41.90																																																																																																																																																																																																																																												
Annual cow loss	Head	57					Grain	Bu																																																																																																																																																																																																																																																	
Cows culled	Head	171					Miscellaneous	Ton																																																																																																																																																																																																																																																	
Calves born alive	Head	969					Salt and mineral	Cwt	399.0		6.69	2,669	2.34																																																																																																																																																																																																																																												
Calves lost birth to weaning	Head	48					Veterinary & medicine	Dol				4,412	3.87																																																																																																																																																																																																																																												
Steer calves weaned	Head	460					Hired trucking	Dol				2,434	2.14																																																																																																																																																																																																																																												
Sold as weaners	Head	231					Marketing 6/	Dol				1,557	1.37																																																																																																																																																																																																																																												
Lost after weaning	Head	4					General overhead 7/	Dol				10,899	9.56																																																																																																																																																																																																																																												
Sold as yearlings	Head	225					Hired labor	Hrs	9,872.0		4.66	46,004	40.35																																																																																																																																																																																																																																												
Heifer calves weaned	Head	461					Fuel and lubricants	Dol				7,027	6.16																																																																																																																																																																																																																																												
Sold as weaners	Head	144					Repairs	Dol				10,219	8.96																																																																																																																																																																																																																																												
Lost after weaning	Head	7					Taxes 8/	Dol				14,509	12.73																																																																																																																																																																																																																																												
Sold as yearlings	Head	82					Insurance	Dol				4,860	4.26																																																																																																																																																																																																																																												
Kept for herd replacement 2/	Head	228					Interest on operating capital 9/	Dol	116,475.8		0.15	17,238	15.12																																																																																																																																																																																																																																												
Bulls	Head	52					Total cash costs	Dol				287,200	251.93																																																																																																																																																																																																																																												
Sales:							Other costs:																																																																																																																																																																																																																																																		
Steer calves	Head	231	600	64.62	89,563		Family labor 10/	Hrs	2,941.0		4.66	13,705	12.02																																																																																																																																																																																																																																												
Heifer calves	Head	144	400	56.31	32,435		Capital replacement 11/	Dol				28,412	24.92																																																																																																																																																																																																																																												
Yearling steers	Head	225	734	62.00	102,393		Interest on investment other than land 13/	Dol				101,929	89.41																																																																																																																																																																																																																																												
Yearling heifers	Head	82	650	56.56	30,146		Interest on land 13/	Dol				327,762	287.51																																																																																																																																																																																																																																												
Cull cows	Head	171	1,050	39.71	71,299	285.82	Total other costs	Dol				471,808	413.87																																																																																																																																																																																																																																												
Total sales	Head				325,836		Total all costs	Dol				759,008	665.80																																																																																																																																																																																																																																												
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																		
Federal grazing fees 3/	AM	464.0		1.86	863	0.76	Return above cash costs and family labor	Dol				38,636	33.89																																																																																																																																																																																																																																												
Private pasture lease	AUM	9,357.1		9.23	86,366	75.76	Return to total investment 14/	Dol				-3,481	-3.05																																																																																																																																																																																																																																												
Other pasture lease 4/	AUM						Return to land 15/	Dol				-105,410	-92.46																																																																																																																																																																																																																																												
State land lease	AUM																																																																																																																																																																																																																																																								
Irrigated pasture	AUM	1,486.8		4.25	6,319	5.54																																																																																																																																																																																																																																																			
Hay produced	Ton	17.3		36.89	638	0.56																																																																																																																																																																																																																																																			
Hay purchased	Ton	329.0		71.17	23,415	20.54																																																																																																																																																																																																																																																			
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td colspan="14">Feed source:</td> </tr> <tr> <td>National Forest 16/</td> <td></td> <td></td> <td></td> <td></td> <td>42.0</td> <td>86.0</td> <td>109.0</td> <td>112.0</td> <td>103.0</td> <td>12.0</td> <td></td> <td></td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>638.4</td> <td>700.5</td> <td>750.6</td> <td>812.7</td> <td>849.9</td> <td>881.9</td> <td>891.3</td> <td>901.3</td> <td>935.0</td> <td>730.8</td> <td>626.3</td> <td>638.4</td> </tr> <tr> <td>State land lease</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>378.5</td> <td>457.4</td> <td>521.3</td> <td>817.3</td> <td>1,081.7</td> <td>857.9</td> <td>526.7</td> <td>532.6</td> <td>1,049.2</td> <td>326.5</td> <td>192.1</td> <td>378.5</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>264.6</td> <td>607.7</td> <td>614.5</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Crop residue 17/</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>498.3</td> <td>426.9</td> <td></td> </tr> <tr> <td>Hay</td> <td>76.9</td> <td>76.9</td> <td>76.9</td> <td>38.7</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>76.9</td> </tr> <tr> <td>Grain</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Protein supplement</td> <td>34.2</td> <td>34.2</td> <td>34.2</td> <td>17.1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>17.1</td> <td>34.2</td> <td>34.2</td> </tr> <tr> <td colspan="14">Marketing month:</td> </tr> <tr> <td>Steer calves</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>231.0</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Heifer calves</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>144.0</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Yearling steers</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>225.0</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Yearling heifers</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>82.0</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Cull cows</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>171.0</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:														National Forest 16/					42.0	86.0	109.0	112.0	103.0	12.0			Bureau of Land Management 16/													Pasture rent/lease 17/	638.4	700.5	750.6	812.7	849.9	881.9	891.3	901.3	935.0	730.8	626.3	638.4	State land lease													Deeded rangeland 17/	378.5	457.4	521.3	817.3	1,081.7	857.9	526.7	532.6	1,049.2	326.5	192.1	378.5	Irrigated pasture 17/						264.6	607.7	614.5					Crop residue 17/										498.3	426.9		Hay	76.9	76.9	76.9	38.7								76.9	Grain													Protein supplement	34.2	34.2	34.2	17.1						17.1	34.2	34.2	Marketing month:														Steer calves									231.0				Heifer calves									144.0				Yearling steers									225.0				Yearling heifers									82.0				Cull cows									171.0			
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																													
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Crop residue 17/										498.3	426.9																																																																																																																																																																																																																																														
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Table 208--Beef cow enterprises with 0-99 cows, Forest Service-Colville National Forest, Northeastern Washington, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow
Production:							Cash costs--Continued						
Bred cows 1/	Head	46	--	--	--	--	Protein supplement 5/	Ton	3.4	--	253.60	862	18.74
Annual cow loss	Head	2	--	--	--	--	Grain	Bu	--	--	--	--	--
Cows culled	Head	7	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--
Calves born alive	Head	44	--	--	--	--	Salt and mineral	Cwt	16.1	--	7.24	117	2.54
Calves lost birth to weaning	Head	2	--	--	--	--	Veterinary & medicine	Dol	--	--	--	311	6.76
Steer calves weaned	Head	21	--	--	--	--	Hired trucking	Dol	--	--	--	61	1.33
Sold as weaners	Head	12	--	--	--	--	Marketing 6/	Dol	--	--	--	192	4.17
Lost after weaning	Head	1	--	--	--	--	General overhead 7/	Dol	--	--	--	592	12.87
Sold as yearlings	Head	8	--	--	--	--	Hired labor	Hrs	91.0	--	4.34	395	8.59
Heifer calves weaned	Head	21	--	--	--	--	Fuel and lubricants	Dol	--	--	--	1,225	26.63
Sold as weaners	Head	5	--	--	--	--	Repairs	Dol	--	--	--	1,610	35.00
Lost after weaning	Head	1	--	--	--	--	Taxes 8/	Dol	--	--	--	912	19.83
Sold as yearlings	Head	6	--	--	--	--	Insurance	Dol	--	--	--	253	5.50
Kept for herd replacement 2/	Head	9	--	--	--	--	Interest on operating capital 9/	Dol	4,934.9	--	0.15	730	15.87
Bulls	Head	2	--	--	--	--	Total cash costs	Dol	--	--	--	11,460	249.13
Sales:							Other costs:						
Steer calves	Head	12	450	65.44	3,534	--	Family labor 10/	Hrs	920.0	--	4.34	3,993	86.80
Heifer calves	Head	5	410	54.08	1,109	--	Capital replacement 11/	Dol	--	--	--	2,938	63.87
Yearling steers	Head	8	675	63.25	3,416	--	Interest on investment other than land 13/	Dol	--	--	--	5,655	122.93
Yearling heifers	Head	6	625	55.37	2,076	--	Interest on land 13/	Dol	--	--	--	26,128	568.00
Cull cows	Head	7	875	35.05	2,147	--	Total other costs	Dol	--	--	--	38,714	841.61
Total sales	Head	--	--	--	12,282	267.00	Total all costs	Dol	--	--	--	50,174	1,090.74
Cash costs:							Return above cash costs:						
Federal grazing fees 3/	AM	151.0	--	1.86	281	6.11	Return above cash costs:	Dol	--	--	--	822	17.87
Private pasture lease	AUM	53.0	--	6.67	354	--	Return above cash costs: and family labor	Dol	--	--	--	-3,171	-68.93
Other pasture lease 4/	AUM	--	--	--	--	--	Return to total investment 14/	Dol	--	--	--	-6,109	-132.80
State land lease	AUM	44.8	--	1.28	57	1.24	Return to land 15/	Dol	--	--	--	-11,764	-255.74
Irrigated pasture	AUM	--	--	--	--	--							
Hay produced	Ton	85.8	--	32.91	2,824	61.39							
Hay purchased	Ton	9.5	--	72.00	684	14.87							
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Feed source:													
National Forest 16/	AM	--	--	--	--	--	32.0	34.0	34.0	34.0	17.0	--	--
Bureau of Land Management 16/	AM	--	--	--	--	--	--	--	--	--	--	--	--
Pasture rent/lease 17/	AUM	--	--	--	--	8.0	9.0	9.0	9.0	9.0	9.0	--	--
State land lease	AUM	--	--	--	--	--	11.2	11.2	11.2	11.2	--	--	--
Deeded rangeland 17/	AUM	--	--	--	--	69.4	21.0	20.1	21.1	20.3	--	--	--
Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	34.0	59.0	--
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--
Hay	Ton	16.9	18.7	19.9	21.8	--	--	--	--	--	--	--	18.0
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--
Protein supplement	Ton	.7	.7	.7	.7	.6	--	--	--	--	--	--	--
Marketing month:													
Steer calves	Head	--	--	--	--	--	--	--	--	--	--	12.0	--
Heifer calves	Head	--	--	--	--	--	--	--	--	--	--	5.0	--
Yearling steers	Head	--	--	--	8.0	--	--	--	--	--	--	--	--
Yearling heifers	Head	--	--	--	4.0	--	--	--	--	--	--	2.0	--
Cull cows	Head	--	--	--	--	--	--	--	--	--	--	7.0	--

Table 209--Beef cow enterprises with 100-299 cows, Forest Service-Colville National Forest, Northeastern Washington, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow
Production:							Cash costs--Continued						
Bred cows 1/	Head	167	--	--	--	--	Protein supplement 5/	Ton	15.0	--	253.60	3,804	22.78
Annual cow loss	Head	7	--	--	--	--	Grain	Bu	--	--	--	--	--
Cows culled	Head	24	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--
Calves born alive	Head	159	--	--	--	--	Salt and mineral	Cwt	58.5	--	7.24	424	2.54
Calves lost birth to weaning	Head	12	--	--	--	--	Veterinary & medicine	Dol	--	--	--	1,358	8.13
Steer calves weaned	Head	73	--	--	--	--	Hired trucking	Dol	--	--	--	207	1.24
Sold as weaners	Head	44	--	--	--	--	Marketing 6/	Dol	--	--	--	660	3.95
Lost after weaning	Head	1	--	--	--	--	General overhead 7/	Dol	--	--	--	1,819	10.89
Sold as yearlings	Head	28	--	--	--	--	Hired labor	Hrs	728.0	4.34	3,160	18.92	
Heifer calves weaned	Head	74	--	--	--	--	Fuel and lubricants	Dol	--	--	--	2,942	17.62
Sold as weaners	Head	16	--	--	--	--	Repairs	Dol	--	--	--	2,803	16.78
Lost after weaning	Head	1	--	--	--	--	Taxes 8/	Dol	--	--	--	2,159	12.93
Sold as yearlings	Head	27	--	--	--	--	Insurance	Dol	--	--	--	793	4.75
Kept for herd replacement 2/	Head	30	--	--	--	--	Interest on operating capital 9/	Dol	17,988.8	0.15	2,662	15.94	
Bulls	Head	7	--	--	--	--	Total cash costs	Dol	--	--	--	40,766	244.11
Sales:							Other costs:						
Steer calves	Head	44	450	65.44	12,957	--	Family labor 10/	Hrs	2,315.0	4.34	10,047	60.16	
Heifer calves	Head	16	410	54.08	3,548	--	Capital replacement 11/	Dol	--	--	--	6,971	41.74
Yearling steers	Head	28	675	63.25	11,954	--	Interest on investment other than land 13/	Dol	--	--	--	17,030	101.98
Yearling heifers	Head	27	625	55.37	9,344	--	Interest on land 13/	Dol	--	--	--	62,760	375.81
Cull cows	Head	24	875	35.05	7,361	--	Total other costs	Dol	--	--	--	96,808	579.69
Total sales	Head	--	--	--	45,164	270.44	Total all costs	Dol	--	--	--	137,574	823.80
Cash costs:							Return above cash costs:						
Federal grazing fees 3/	AM	418.0	--	1.86	777	4.65	Return above cash costs and family labor	Dol	--	--	--	4,398	26.34
Private pasture lease	AUM	485.0	--	6.67	3,235	19.37	Return to total investment 14/	Dol	--	--	--	-12,620	-75.57
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-29,650	-177.54
State land lease	AUM	162.0	--	1.28	207	1.24							
Irrigated pasture	AUM	--	--	--	--	--							
Hay produced	Ton	301.6	--	32.91	9,926	59.44							
Hay purchased	Ton	53.2	--	72.00	3,830	22.93							
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Feed source:													
National Forest 16/	AM	--	--	--	--	--	88.0	93.0	93.0	93.0	51.0	--	--
Bureau of Land Management 16/	AM	--	--	--	--	--	--	--	--	--	--	--	--
Pasture rent/lease 17/	AUM	--	--	--	--	97.0	97.0	97.0	97.0	97.0	--	--	--
State land lease	AUM	--	--	--	--	32.4	32.4	32.4	32.4	32.4	--	--	--
Deeded rangeland 17/	AUM	--	--	--	--	100.0	59.0	59.7	64.7	51.7	100.0	111.0	--
Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	68.5	100.0	--
Hay	Ton	60.7	67.3	72.1	78.4	15.8	--	--	--	--	--	--	60.5
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--
Protein supplement	Ton	2.5	2.5	2.5	2.5	2.5	--	--	--	--	--	--	2.5
Marketing month:													
Steer calves	Head	--	--	--	--	--	--	--	--	--	--	44.0	--
Heifer calves	Head	--	--	--	--	--	--	--	--	--	--	16.0	--
Yearling steers	Head	--	--	--	28.0	--	--	--	--	--	--	--	--
Yearling heifers	Head	--	--	--	21.0	--	--	--	--	--	--	6.0	--
Cull cows	Head	--	--	--	--	--	--	--	--	--	--	24.0	--

Table 210--Beef cow enterprises with 300 or more size cows, Colville National Forest, Northeastern Washington, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow					
Production:							Cash costs--Continued											
Bred cows 1/	Head	461	--	--	--	--	Protein supplement 5/	Ton	41.4	--	2.38	99	.21					
Annual cow loss	Head	18	--	--	--	--	Grain	Bu	--	--	--	--	--					
Cows culled	Head	65	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--					
Calves born alive	Head	424	--	--	--	--	Salt and mineral	Cwt	161.0	--	7.24	1,166	2.53					
Calves lost birth to weaning	Head	34	--	--	--	--	Veterinary & medicine	Dol	--	--	--	5,022	10.89					
Steer calves weaned	Head	195	--	--	--	--	Hired trucking	Dol	--	--	--	789	1.71					
Sold as weaners	Head	117	--	--	--	--	Marketing 6/	Dol	--	--	--	2,440	5.29					
Lost after weaning	Head	2	--	--	--	--	General overhead 7/	Dol	--	--	--	6,172	13.39					
Sold as yearlings	Head	76	--	--	--	--	Hired labor	Hrs	2,010.0	--	4.32	8,683	18.84					
Heifer calves weaned	Head	195	--	--	--	--	Fuel and lubricants	Dol	--	--	--	6,170	13.38					
Sold as weaners	Head	41	--	--	--	--	Repairs	Dol	--	--	--	5,664	12.29					
Lost after weaning	Head	3	--	--	--	--	Taxes 8/	Dol	--	--	--	5,558	12.06					
Sold as yearlings	Head	68	--	--	--	--	Insurance	Dol	--	--	--	2,057	4.46					
Kept for herd replacement 2/	Head	83	--	--	--	--	Interest on operating capital 9/	Dol	43,040.0	--	0.15	6,456	14.00					
Bulls	Head	20	--	--	--	--	Total cash costs	Dol	--	--	--	98,952	214.65					
Sales:							Other costs:											
Steer calves	Head	117	450	65.44	34,454	--	Family labor 10/	Hrs	6,389.0	--	4.32	27,600	59.87					
Heifer calves	Head	41	410	54.08	9,091	--	Capital replacement 11/	Dol	--	--	--	13,957	30.28					
Yearling steers	Head	76	675	63.25	32,447	--	Interest on investment other than land 13/	Dol	--	--	--	42,929	93.12					
Yearling heifers	Head	68	625	55.37	23,532	--	Interest on land 13/	Dol	--	--	--	171,019	370.97					
Cull cows	Head	65	875	35.05	19,935	--	Total other costs	Dol	--	--	--	255,505	554.24					
Total sales	Head	--	--	--	119,459	259.13	Total all costs	Dol	--	--	--	354,457	768.89					
Cash costs:							Return above cash costs:											
Federal grazing fees 3/	AM	979.0	--	1.86	1,821	3.95	Return above cash costs and family labor	Dol	--	--	--	20,507	44.48					
Private pasture lease	AUM	507.0	--	6.67	3,382	7.34	Return to total investment 14/	Dol	--	--	--	-7,093	-15.39					
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-21,050	-45.66					
State land lease	AUM	445.0	--	1.44	641	1.39						-63,979	-138.78					
Irrigated pasture	AUM	--	--	--	--	--												
Hay produced	Ton	939.0	--	32.91	30,902	67.03												
Hay purchased	Ton	165.7	--	72.00	11,930	25.88												
							Feed source:											
							Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
National Forest 16/	AM	--	--	--	--	--					199.0	229.0	229.0	229.0	93.0	--	--	
Bureau of Land Management 16/	AM	--	--	--	--	--					--	--	--	--	--	--	--	
Pasture rent/lease 17/	AUM	--	--	--	--	--					75.0	70.0	67.0	67.0	119.0	109.0	--	
State land lease	AUM	--	--	--	--	--					89.0	89.0	89.0	89.0	--	--	--	
Deeded rangeland 17/	AUM	--	--	--	--	--					100.0	412.2	396.3	411.3	397.9	198.0	140.0	
Irrigated pasture 17/	AUM	--	--	--	--	--					--	--	--	--	--	--	--	
Crop residue 17/	AUM	--	--	--	--	--					--	--	--	--	225.8	330.0	--	
Hay	Ton	166.4	183.9	197.7	215.1	175.2					--	--	--	--	--	--	166.4	
Grain	Bu	--	--	--	--	--					--	--	--	--	--	--	--	
Protein supplement	Ton	6.9	6.9	6.9	6.9	6.9					--	--	--	--	--	--	6.9	
Marketing month:																		
Steer calves	Head	--	--	--	--	--									117.0	--	--	
Heifer calves	Head	--	--	--	--	--									41.0	--	--	
Yearling steers	Head	--	--	--	76.0	--									--	--	--	
Yearling heifers	Head	--	--	--	49.0	--									19.0	--	--	
Cull cows	Head	--	--	--	--	--									65.0	--	--	

Table 211--Beef cow enterprises with up to 299 cows, Deschutes National Forest, West-Central Oregon, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow
Production:							Cash costs--Continued						
Bred cows 1/	Head	132	--	--	--	--	Protein supplement 5/	Ton	--	--	--	--	--
Annual cow loss	Head	3	--	--	--	--	Grain	Bu	--	--	--	--	--
Cows culled	Head	14	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--
Calves born alive	Head	112	--	--	--	--	Salt and mineral	Cwt	46.2	--	6.63	306	2.32
Calves lost birth to weaning	Head	2	--	--	--	--	Veterinary & medicine	Dol	--	--	--	912	6.91
Steer calves weaned	Head	55	--	--	--	--	Hired trucking	Dol	--	--	--	263	1.99
Sold as weaners	Head	28	--	--	--	--	Marketing 6/	Dol	--	--	--	746	5.65
Lost after weaning	Head	1	--	--	--	--	General overhead 7/	Dol	--	--	--	1,441	10.92
Sold as yearlings	Head	26	--	--	--	--	Hired labor	Hrs	533.0	--	4.17	2,223	16.84
Heifer calves weaned	Head	55	--	--	--	--	Fuel and lubricants	Dol	--	--	--	1,881	14.25
Sold as weaners	Head	34	--	--	--	--	Repairs	Dol	--	--	--	1,892	14.33
Lost after weaning	Head	--	--	--	--	--	Taxes 8/	Dol	--	--	--	1,658	12.56
Sold as yearlings	Head	4	--	--	--	--	Insurance	Dol	--	--	--	591	4.47
Kept for herd replacement 2/	Head	17	--	--	--	--	Interest on operating capital 9/	Dol	9,525.61	--	0.15	1,410	10.68
Bulls	Head	5	--	--	--	--	Total cash costs	Dol	--	--	--	25,275	191.48
							Other costs:						
Sales:							Family labor 10/	Hrs	1,295.0	--	4.17	5,400	40.91
Steer calves	Head	28	450	65.44	8,245	--	Capital replacement 11/	Dol	--	--	--	4,298	32.56
Heifer calves	Head	34	400	56.00	7,616	--	Interest on investment other than land 13/	Dol	--	--	--	12,242	92.74
Yearling steers	Head	26	525	63.05	8,606	--	Interest on land 13/	Dol	--	--	--	77,457	586.80
Cull yearling heifers	Head	4	700	52.12	1,459	--	Total other costs	Dol	--	--	--	99,397	753.01
Cull cows	Head	14	900	35.05	4,416	--	Total all costs	Dol	--	--	--	124,672	944.48
Total sales	Head	--	--	--	30,342	229.86							
Cash costs:							Return above cash costs and family labor	Dol	--	--	--	5,067	38.39
Federal grazing fees 3/	AM	618.0	--	1.86	1,149	8.70	Return to total investment 14/	Dol	--	--	--	-4,631	-35.08
Private pasture lease	AUM	117.3	--	7.70	903	6.84	Return to land 15/	Dol	--	--	--	-16,873	-127.83
Other pasture lease 4/	AUM	--	--	--	--	--							
State land lease	AUM	11.8	--	1.56	18	0.14							
Irrigated pasture	AUM	--	--	--	--	--							
Hay produced	Ton	163.4	--	37.17	6,074	46.01							
Hay purchased	Ton	54.4	--	70.00	3,808	28.85							
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Feed source:													
National Forest 16/	AM	--	--	--	--	26.0	88.0	102.0	88.0	66.0	26.0	--	--
Bureau of Land Management 16/	AM	--	--	--	16.0	43.0	31.0	18.0	6.0	21.0	37.0	34.0	16.0
Pasture rent/lease 17/	AUM	--	--	--	--	24.6	11.8	12.3	20.3	23.7	24.6	--	--
State land lease	AUM	--	--	--	--	2.5	1.2	1.2	2.0	2.4	2.5	--	--
Deeded rangeland 17/	AUM	--	--	--	44.4	95.8	46.2	48.1	79.3	92.5	47.9	--	--
Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	47.9	122.0	71.0
Hay	Ton	47.5	52.0	55.9	41.1	--	--	--	--	--	--	--	21.3
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--
Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--	--
Marketing month:													
Steer calves	Head	--	--	--	--	--	--	--	--	--	--	28.0	--
Heifer calves	Head	--	--	--	--	--	--	--	--	--	--	34.0	--
Yearling steers	Head	--	--	--	--	--	--	--	--	--	26.0	--	--
Yearling heifers	Head	--	--	--	--	--	--	--	--	--	--	4.0	--
Cull cows	Head	--	--	--	--	--	--	--	--	--	--	14.0	--

Table 213--Beef cow enterprises with up to 499 cows, Fremont National Forest, Southwestern Oregon, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow
Production:							Cash costs--Continued						
Bred cows 1/	Head	251	--	--	--	--	Protein supplement 5/	Ton	4.5	--	211.80	953	3.80
Annual cow loss	Head	18	--	--	--	--	Grain	Bu	--	--	--	--	--
Cows culled	Head	32	--	--	--	--	Other feed	Ton	--	--	--	--	--
Calves born alive	Head	188	--	--	--	--	Salt and mineral	Cwt	87.9	--	6.63	583	2.32
Calves lost birth-							Veterinary & medicine	Dol	--	--	--	1,885	7.51
to weaning	Head	17	--	--	--	--	Hired trucking	Dol	--	--	--	419	1.67
Steer calves weaned	Head	85	--	--	--	--	Marketing 6/	Dol	--	--	--	1,220	4.86
Sold as weaners	Head	--	--	--	--	--	General overhead 7/	Dol	--	--	--	2,034	8.10
Lost after weaning	Head	2	--	--	--	--	Hired labor	Hrs	1,490.0	--	4.17	6,213	24.75
Sold as yearlings	Head	83	--	--	--	--	Fuel and lubricants	Dol	--	--	--	4,012	15.98
Heifer calves weaned	Head	86	--	--	--	--	Repairs	Dol	--	--	--	3,809	15.18
Sold as weaners	Head	--	--	--	--	--	Taxes 8/	Dol	--	--	--	3,244	12.92
Lost after weaning	Head	2	--	--	--	--	Insurance	Dol	--	--	--	1,185	4.72
Sold as yearlings	Head	34	--	--	--	--	Interest on operating:						
Kept for herd							capital 9/	Dol	16,642.9	--	0.15	2,463	9.81
replacement 2/	Head	50	--	--	--	--	Total cash costs	Dol	--	--	--	49,274	196.31
Bulls	Head	13	--	--	--	--							
							Other costs:						
Sales:							Family labor 10/	Hrs	1,490.0	--	4.17	6,213	24.75
Steer calves	Head	--	--	--	--	--	Capital replace-						
Heifer calves	Head	--	--	--	--	--	ment 11/	Dol	--	--	--	9,347	37.24
Yearling steers	Head	83	725	62.00	37,309	--	Interest on Invest-						
Yearling heifers	Head	34	650	56.56	12,500	--	ment other than						
Cull cows	Head	32	900	37.71	10,860	--	land 13/	Dol	--	--	--	24,674	98.30
Total sales	Head	--	--	--	60,669	241.71	Interest on land 13/	Dol	--	--	--	151,149	602.19
							Total other costs	Dol	--	--	--	191,383	762.48
Cash costs:							Total all costs	Dol	--	--	--	240,657	958.79
Federal grazing fees 3/	AM	518.0	--	1.86	963	3.84							
Private pasture lease	AUM	505.8	--	7.70	3,895	15.52	Return above cash costs:	Dol	--	--	--	11,395	45.40
Other pasture lease 4/	AUM	--	--	--	--	--	Return above cash costs:						
State land lease	AUM	233.4	--	1.69	394	1.57	and family labor	Dol	--	--	--	5,182	20.65
Irrigated pasture	AUM	408.5	--	5.05	2,063	8.22	Return to total						
Hay produced	Ton	375.0	--	37.17	13,939	55.53	investment 14/	Dol	--	--	--	-4,165	-16.59
Hay purchased	Ton	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-28,839	-114.90
: : : : : : : : : : : : : : : :													
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Feed source:													
National Forest 16/	AM	--	--	--	--	18.0	65.0	97.0	89.0	70.0	--	--	--
Bureau of Land													
Management 16/	AM	16.0	14.0	--	32.0	58.0	21.0	21.0	--	--	--	--	17.0
Pasture rent/lease 17/	AUM	--	--	--	--	95.3	98.7	99.0	104.3	108.5	--	--	--
State land lease	AUM	--	--	--	--	44.0	45.6	45.7	48.1	50.0	--	--	--
Deeded rangeland 17/	AUM	73.6	106.2	148.6	140.0	150.4	155.6	125.7	164.5	170.9	183.5	167.5	72.6
Irrigated pasture 17/	AUM	--	--	--	--	77.0	79.7	79.9	84.3	87.6	--	--	--
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	183.5	167.5	--
Hay	Ton	75.0	75.0	75.0	75.0	--	--	--	--	--	--	--	75.0
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--
Protein supplement	Ton	0.9	0.9	0.9	0.9	--	--	--	--	--	--	--	0.9
Marketing month:													
Steer calves	Head	--	--	--	--	--	--	--	--	--	--	--	--
Heifer calves	Head	--	--	--	--	--	--	--	--	--	--	--	--
Yearling steers	Head	--	--	--	--	--	--	--	--	83	--	--	--
Yearling heifers	Head	--	--	--	--	--	--	--	--	34	--	--	--
Cull cows	Head	--	--	--	--	--	--	--	--	--	32	--	--

Table 214--Beef cow enterprises of 500-999 cows, Fremont National Forest, Southwest Oregon, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow						
Production:							Cash costs--Continued												
Bred cows 1/	Head	633	--	--	--	--	Protein supplement 5/	Ton	11.9	--	211.80	2,520	3.98						
Annual cow loss	Head	44	--	--	--	--	Grain	Bu	--	--	--	--	--						
Cows culled	Head	83	--	--	--	--	Other feed	Ton	--	--	--	--	--						
Calves born alive	Head	475	--	--	--	--	Salt and mineral	Cwt	221.6	--	6.63	1,469	2.32						
Calves lost birth to weaning	Head	43	--	--	--	--	Veterinary & medicine	Dol	--	--	--	4,195	6.63						
Steer calves weaned	Head	216	--	--	--	--	Hired trucking	Dol	--	--	--	410	0.65						
Sold as weaners	Head	--	--	--	--	--	Marketing 6/	Dol	--	--	--	1,186	1.87						
Lost after weaning	Head	4	--	--	--	--	General overhead 7/	Dol	--	--	--	5,128	8.10						
Sold as yearlings	Head	212	--	--	--	--	Hired labor	Hrs	2,334.0	--	4.17	9,733	15.38						
Heifer calves weaned	Head	216	--	--	--	--	Fuel and lubricants	Dol	--	--	--	4,777	7.55						
Sold as weaners	Head	--	--	--	--	--	Repairs	Dol	--	--	--	5,124	8.09						
Lost after weaning	Head	4	--	--	--	--	Taxes 8/	Dol	--	--	--	7,219	11.40						
Sold as yearlings	Head	85	--	--	--	--	Insurance	Dol	--	--	--	2,752	4.35						
Kept for herd	Head	--	--	--	--	--	Interest on operating capital 9/	Dol	35,975.4	--	0.15	5,324	8.41						
Replacement 2/	Head	127	--	--	--	--	Total cash costs	Dol	--	--	--	103,815	164.00						
Bulls	Head	32	--	--	--	--	Other costs:												
Sales:							Family labor 10/	Hrs	2,334.0	--	4.17	9,733	15.38						
Steer calves	Head	--	--	--	--	--	Capital replacement 11/	Dol	--	--	--	15,551	24.57						
Heifer calves	Head	--	--	--	--	--	Interest on investment other than land 13/	Dol	--	--	--	56,201	88.79						
Yearling steers	Head	212	725	62.00	95,294	--	Interest on land 13/	Dol	--	--	--	355,898	562.24						
Yearling heifers	Head	85	650	56.56	31,249	--	Total other costs	Dol	--	--	--	437,383	690.97						
Cull cows	Head	83	900	37.71	28,169	--	Total all costs	Dol	--	--	--	541,198	854.97						
Total sales	Head	--	--	--	154,712	244.41	Cash costs:												
Cash costs:							Federal grazing fees 3/	AM	1,146.0	--	1.86	2,132	3.37						
Private pasture lease	AUM	1,316.5	--	7.70	10,137	16.01	Return above cash costs and family labor	Dol	--	--	--	50,897	80.41						
Other pasture lease 4/	AUM	--	--	--	--	--	Return above cash costs	Dol	--	--	--	41,164	65.03						
State land lease	AUM	607.6	--	1.69	1,027	1.62	Return to total investment 14/	Dol	--	--	--	25,613	40.46						
Irrigated pasture	AUM	1,063.3	--	5.05	5,370	8.48	Return to land 15/	Dol	--	--	--	-30,588	-48.32						
Hay produced	Ton	950.0	--	37.17	35,312	55.79	Monthly breakdown (Jan-Dec):												
Hay purchased	Ton	--	--	--	--	--	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Feed source:							National Forest 16/	AM	--	--	--	--	12.0	151.0	217.0	207.0	168.0	--	--
Bureau of Land Management 16/							Pasture rent/lease 17/	AUM	--	--	--	--	264.8	247.0	250.0	269.3	285.4	--	--
State land lease							Deeded rangeland 17/	AUM	--	--	--	--	122.2	114.0	115.4	124.3	131.7	--	--
Irrigated pasture 17/							Crop residue 17/	AUM	--	--	--	--	213.9	199.5	202.0	217.5	230.4	--	--
Hay							Hay	Ton	190.0	190.0	190.0	190.0	--	--	--	--	--	--	190.0
Grain							Grain	Bu	--	--	--	--	--	--	--	--	--	--	--
Protein supplement							Protein supplement	Ton	2.4	2.4	2.4	2.4	--	--	--	--	--	--	2.3
Marketing month:							Steer calves	Head	--	--	--	--	--	--	--	--	--	--	--
Heifer calves							Heifer calves	Head	--	--	--	--	--	--	--	--	--	--	
Yearling steers							Yearling steers	Head	--	--	--	--	--	--	212.0	--	--	--	
Yearling heifers							Yearling heifers	Head	--	--	--	--	--	--	56.0	29.0	--	--	
Cull cows							Cull cows	Head	--	--	--	--	--	--	--	83.0	--	--	

Table 215--Beef cow enterprises of 1,000 or more cows, Fremont National Forest, Southwest Oregon, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow						
Production:							Cash costs--Continued												
Bred cows 1/	Head	2,356	--	--	--	--	Protein supplement 5/	Ton	42.4	--	211.80	8,980	3.81						
Annual cow loss	Head	165	--	--	--	--	Grain	Bu	--	--	--	--	--						
Cows culled	Head	306	--	--	--	--	Other feed	Ton	--	--	--	--	--						
Calves born alive	Head	1,767	--	--	--	--	Salt and mineral	Cwt	824.6	--	6.63	5,467	2.32						
Calves lost birth to weaning	Head	159	--	--	--	--	Veterinary & medicine	Dol	--	--	--	15,457	6.56						
Steer calves weaned	Head	804	--	--	--	--	Hired trucking	Dol	--	--	--	1,525	0.65						
Sold as weaners	Head	--	--	--	--	--	Marketing 6/	Dol	--	--	--	4,416	1.87						
Lost after weaning	Head	16	--	--	--	--	General overhead 7/	Dol	--	--	--	20,505	8.70						
Sold as yearlings	Head	788	--	--	--	--	Hired labor	Hrs	8,424.0	--	4.17	35,128	14.91						
Heifer calves weaned	Head	804	--	--	--	--	Fuel and lubricants	Dol	--	--	--	14,098	5.98						
Sold as weaners	Head	--	--	--	--	--	Repairs	Dol	--	--	--	19,607	8.32						
Lost after weaning	Head	16	--	--	--	--	Taxes 8/	Dol	--	--	--	21,727	9.22						
Sold as yearlings	Head	317	--	--	--	--	Insurance	Dol	--	--	--	10,078	4.28						
Kept for herd replacement 2/	Head	417	--	--	--	--	Interest on operating capital 9/	Dol	133,440.4	--	0.15	19,749	8.38						
Bulls	Head	118	--	--	--	--	Total cash costs	Dol	--	--	--	381,063	161.74						
Sales:							Other costs:												
Steer calves	Head	--	--	--	--	--	Family labor 10/	Hrs	2,808.0	--	4.17	11,709	4.97						
Heifer calves	Head	--	--	--	--	--	Capital replacement 11/	Dol	--	--	--	56,573	24.01						
Yearling steers	Head	788	725	62.00	354,206	--	Interest on investment other than land 13/	Dol	--	--	--	208,412	88.15						
Yearling heifers	Head	317	650	56.56	116,542	--	Total other costs	Dol	--	--	--	1,052,309	446.65						
Cull cows	Head	306	900	37.71	103,853	--	Total all costs	Dol	--	--	--	1,710,066	725.83						
Total sales	Head	--	--	--	574,601	243.89:	Return above cash costs and family labor	Dol	--	--	--	193,538	82.15						
Cash costs:							Return above cash costs and family labor investment 14/	Dol	--	--	--	181,829	77.18						
Federal grazing fees 3/	AM	3,892.0	--	1.86	7,239	3.07:	Return to land 15/	Dol	--	--	--	125,256	53.16						
Private pasture lease	AUM	5,233.7	--	7.70	40,299	17.10:					--	-83,156	-35.30						
Other pasture lease 4/	AUM	--	--	--	--	--													
State land lease	AUM	2,415.5	--	1.69	4,082	1.73:													
Irrigated pasture	AUM	4,227.2	--	5.05	21,347	9.06:													
Hay produced	Ton	3,534.0	--	37.17	131,359	55.76:													
Hay purchased	Ton	--	--	--	--	--													
Feed source:																			
National Forest 16/	AM	--	--	--	--	19.0	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Bureau of Land Management 16/	AM	28.0	28.0	165.0	509.0	583.0	--	--	--	--	19.0	153.0	292.0	359.0	272.0	23.0	--	--	
Pasture rent/Lease 17/	AUM	--	--	--	--	928.2	--	--	--	--	583.0	575.0	188.0	188.0	165.0	115.0	115.0	115.0	
State land lease	AUM	--	--	--	--	428.4	--	--	--	--	583.0	973.7	1,096.4	1,106.0	1,129.4	--	--	--	
Deeded rangeland 17/	AUM	799.2	1,115.5	1,165.7	1,033.7	1,463.7	28.0	28.0	165.0	509.0	583.0	575.0	188.0	188.0	165.0	115.0	115.0	115.0	
Irrigated pasture 17/	AUM	--	--	--	--	719.7	--	--	--	--	928.2	973.7	1,096.4	1,106.0	1,129.4	--	--	--	
Crop residue 17/	AUM	--	--	--	--	--	799.2	1,115.5	1,165.7	1,033.7	1,463.7	1,535.4	1,728.9	1,744.0	1,781.1	1,645.6	1,511.8	701.3	
Hay	Ton	706.8	706.8	706.8	706.8	--	--	--	--	--	719.7	786.4	885.5	893.3	912.3	--	--	--	
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1,645.6	1,511.8	--	
Protein supplement	Ton	8.5	8.5	8.5	8.5	--	--	--	--	--	--	--	--	--	--	--	--	706.8	
Marketing month:																			
Steer calves	Head	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Heifer calves	Head	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Yearling steers	Head	--	--	--	--	--	--	--	--	--	--	--	--	788.0	--	--	--	--	--
Yearling heifers	Head	--	--	--	--	--	--	--	--	--	--	--	--	211.0	106.0	--	--	--	--
Cull cows	Head	--	--	--	--	--	--	--	--	--	--	--	--	--	306.0	--	--	--	--

Table 216--Beef cow enterprises with all size cows, Forest Service-Gifford-Pinchot National Forest, Southwestern Washington, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow
Production:							Cash costs--Continued						
Bred cows 1/	Head	98	--	--	--	--	Protein supplement 5/	Ton	11.0	--	253.60	2,790	28.47
Annual cow loss	Head	5	--	--	--	--	Grain	Bu	--	--	--	--	--
Cows culled	Head	6	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--
Calves born alive	Head	93	--	--	--	--	Salt and mineral	Cwt	34.5	--	7.24	250	2.55
Calves lost birth to weaning	Head	9	--	--	--	--	Veterinary & medicine	Dol	--	--	--	886	9.04
Steer calves weaned	Head	42	--	--	--	--	Hired trucking	Dol	--	--	--	178	1.82
Sold as weaners	Head	42	--	--	--	--	Marketing 6/	Dol	--	--	--	549	5.60
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	Dol	--	--	--	1,419	14.48
Sold as yearlings	Head	--	--	--	--	--	Hired labor	Hrs	194.0	--	4.34	842	8.59
Heifer calves weaned	Head	42	--	--	--	--	Fuel and lubricants	Dol	--	--	--	1,138	11.61
Sold as weaners	Head	28	--	--	--	--	Repairs	Dol	--	--	--	1,304	13.31
Lost after weaning	Head	--	--	--	--	--	Taxes 8/	Dol	--	--	--	1,722	17.57
Sold as yearlings	Head	3	--	--	--	--	Insurance	Dol	--	--	--	437	4.46
Kept for herd replacement 2/	Head	11	--	--	--	--	Interest on operating capital 9/	Dol	8,631.6	--	0.15	1,277	13.03
Bulls	Head	4	--	--	--	--	Total cash costs	Dol	--	--	--	20,752	211.76
Sales:							Other costs:						
Steer calves	Head	42	450	65.67	12,412	--	Family labor 10/	Hrs	1,170.0	--	4.34	5,078	51.81
Heifer calves	Head	28	400	54.60	6,115	--	Capital replacement 11/	Dol	--	--	--	3,267	33.34
Yearling steers	Head	--	--	--	--	--	Interest on investment other than land 13/	Dol	--	--	--	9,109	92.95
Yearling heifers	Head	3	700	53.95	1,133	--	Interest on land 13/	Dol	--	--	--	53,715	548.11
Cull cows	Head	6	900	37.71	2,036	--	Total other costs	Dol	--	--	--	71,169	726.22
Total sales	Head	--	--	--	21,696	221.39	Total all costs	Dol	--	--	--	91,921	937.97
Cash costs:							Return above cash costs:						
Federal grazing fees 3/	AM	254.0	--	1.86	472	4.82	Return above cash costs:	Dol	--	--	--	944	9.63
Private pasture lease	AUM	144.3	--	6.67	962	9.82	Return above cash costs:	Dol	--	--	--	-4,134	-42.18
Other pasture lease 4/	AUM	--	--	--	--	--	Return to total investment 14/	Dol	--	--	--	-7,401	-75.52
State land lease	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-16,510	-168.47
Irrigated pasture	AUM	--	--	--	--	--							
Hay produced	Ton	138.3	--	32.91	4,551	46.44							
Hay purchased	Ton	20.6	--	72.00	1,483	15.13							
BIA		98.4	--	5.00	492	5.02							
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Feed source:													
National Forest 16/	AM	--	--	--	--	--	18.0	41.0	95.0	95.0	5.0	--	--
Bureau of Land Management 16/	AM	--	--	--	--	--	--	--	--	--	--	--	--
Pasture rent/lease 17/	AUM	--	--	--	20.7	37.2	34.4	28.0	12.3	11.7	--	--	--
State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--	--
Deeded rangeland 17/	AUM	--	--	--	34.5	81.9	71.6	51.8	4.7	4.7	--	--	--
Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	139.1	53.5	--
Hay	Ton	29.0	32.3	35.3	19.0	--	--	--	--	--	--	14.3	29.0
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--
Protein supplement	Ton	2.2	2.2	2.2	1.1	--	--	--	--	--	--	1.1	2.2
BIA	AM	--	--	--	13.8	29.8	26.5	20.0	4.2	4.1	--	--	--
Marketing month:													
Steer calves	Head	--	--	--	--	--	--	--	--	--	--	42.0	--
Heifer calves	Head	--	--	--	--	--	--	--	--	--	--	28.0	--
Yearling steers	Head	--	--	--	--	--	--	--	--	--	--	--	--
Yearling heifers	Head	--	--	--	--	--	--	--	--	--	--	3.0	--
Cull cows	Head	--	--	--	--	--	--	--	--	--	--	6.0	--

Table 217--Beef cow enterprises of up to 299 cows, Ochoco National Forest, Southwest Oregon, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																												
Production:							Cash costs--Continued																																																																																																																																																																																																																																																		
Bred cows <u>1/</u>	Head	142	--	--	--	--	Protein supplement <u>5/</u>	Ton	--	--	--	--	--																																																																																																																																																																																																																																												
Annual cow loss	Head	4	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																												
Cows culled	Head	15	--	--	--	--	Other feed	Ton	--	--	--	--	--																																																																																																																																																																																																																																												
Calves born alive	Head	131	--	--	--	--	Salt and mineral	Cwt	49.7	--	6.63	330	2.32																																																																																																																																																																																																																																												
Calves lost birth to weaning	Head	3	--	--	--	--	Veterinary & medicine	Dol	--	--	--	981	6.91																																																																																																																																																																																																																																												
Steer calves weaned	Head	64	--	--	--	--	Hired trucking	Dol	--	--	--	282	1.99																																																																																																																																																																																																																																												
Sold as weaners	Head	19	--	--	--	--	Marketing <u>6/</u>	Dol	--	--	--	802	5.65																																																																																																																																																																																																																																												
Lost after weaning	Head	1	--	--	--	--	General overhead <u>7/</u>	Dol	--	--	--	1,551	10.92																																																																																																																																																																																																																																												
Sold as yearlings	Head	44	--	--	--	--	Hired labor	Hrs	573.0	--	4.17	2,389	16.82																																																																																																																																																																																																																																												
Heifer calves weaned	Head	64	--	--	--	--	Fuel and lubricants	Dol	--	--	--	2,123	14.95																																																																																																																																																																																																																																												
Sold as weaners	Head	23	--	--	--	--	Repairs	Dol	--	--	--	2,083	14.67																																																																																																																																																																																																																																												
Lost after weaning	Head	--	--	--	--	--	Taxes <u>8/</u>	Dol	--	--	--	2,005	14.12																																																																																																																																																																																																																																												
Sold as yearlings	Head	22	--	--	--	--	Insurance	Dol	--	--	--	664	4.68																																																																																																																																																																																																																																												
Kept for herd replacement <u>2/</u>	Head	19	--	--	--	--	Interest on operating capital <u>9/</u>	Dol	12,172.1	--	0.15	1,801	12.68																																																																																																																																																																																																																																												
Bulls	Head	9	--	--	--	--	Total cash costs	Dol	--	--	--	27,992	197.13																																																																																																																																																																																																																																												
Sales:							Other costs:																																																																																																																																																																																																																																																		
Steer calves	Head	19	460	65.44	5,719	--	Family labor <u>10/</u>	Hrs	1,393.0	--	4.17	5,809	40.91																																																																																																																																																																																																																																												
Heifer calves	Head	23	430	54.08	5,349	--	Capital replacement <u>11/</u>	Dol	--	--	--	5,357	37.73																																																																																																																																																																																																																																												
Yearling steers	Head	44	750	62.00	20,460	--	Interest on investment other than land <u>13/</u>	Dol	--	--	--	13,706	96.52																																																																																																																																																																																																																																												
Yearling heifers	Head	22	650	56.56	8,088	--	Interest on land <u>13/</u>	Dol	--	--	--	95,107	669.77																																																																																																																																																																																																																																												
Cull cows	Head	15	900	35.05	4,732	--	Total other costs	Dol	--	--	--	119,979	844.92																																																																																																																																																																																																																																												
Total sales	Head	--	--	--	44,348	312.31	Total all costs	Dol	--	--	--	147,971	1,042.05																																																																																																																																																																																																																																												
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																		
Federal grazing fees <u>3/</u>	AM	492.0	--	1.86	915	6.44	Return above cash costs	Dol	--	--	--	16,356	115.18																																																																																																																																																																																																																																												
Private pasture lease	AUM	220.1	--	7.70	1,695	11.94	Return above cash costs and family labor	Dol	--	--	--	10,547	74.27																																																																																																																																																																																																																																												
Other pasture lease <u>4/</u>	AUM	55.0	--	2.28	125	0.88	Return to total investment <u>14/</u>	Dol	--	--	--	5,190	36.55																																																																																																																																																																																																																																												
State land lease	AUM	--	--	--	--	--	Return to land <u>15/</u>	Dol	--	--	--	-8,516	-59.97																																																																																																																																																																																																																																												
Irrigated pasture	AUM	--	--	--	--	--																																																																																																																																																																																																																																																			
Hay produced	Ton	228.0	--	37.17	8,475	59.68																																																																																																																																																																																																																																																			
Hay purchased	Ton	25.3	--	70.0	1,771	12.47																																																																																																																																																																																																																																																			
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td colspan="14">Feed source:</td> </tr> <tr> <td>National Forest <u>16/</u></td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>27.0</td> <td>80.0</td> <td>81.0</td> <td>81.0</td> <td>5.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management <u>16/</u></td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>19.0</td> <td>36.0</td> <td>38.0</td> <td>37.0</td> <td>35.0</td> <td>9.0</td> <td>6.0</td> <td>--</td> </tr> <tr> <td>Pasture rent/lease <u>17/</u></td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>19.8</td> <td>43.3</td> <td>35.8</td> <td>25.5</td> <td>26.5</td> <td>42.7</td> <td>--</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland <u>17/</u></td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>72.1</td> <td>159.5</td> <td>130.0</td> <td>91.6</td> <td>94.3</td> <td>47.1</td> <td>78.8</td> <td>90.5</td> </tr> <tr> <td>Other pasture <u>17/</u></td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>4.9</td> <td>10.8</td> <td>8.9</td> <td>6.4</td> <td>6.6</td> <td>6.6</td> <td>10.8</td> <td>--</td> </tr> <tr> <td>Crop residue <u>17/</u></td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>47.1</td> <td>78.8</td> <td>90.5</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>57.7</td> <td>63.1</td> <td>67.2</td> <td>36.5</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>28.8</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td colspan="14">Marketing month:</td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>19.0</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>23.0</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>44.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>17.0</td> <td>--</td> <td>5.0</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>15.0</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:														National Forest <u>16/</u>	AM	--	--	--	--	27.0	80.0	81.0	81.0	5.0	--	--	Bureau of Land Management <u>16/</u>	AM	--	--	--	19.0	36.0	38.0	37.0	35.0	9.0	6.0	--	Pasture rent/lease <u>17/</u>	AUM	--	--	--	19.8	43.3	35.8	25.5	26.5	42.7	--	--	State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--	Deeded rangeland <u>17/</u>	AUM	--	--	--	72.1	159.5	130.0	91.6	94.3	47.1	78.8	90.5	Other pasture <u>17/</u>	AUM	--	--	--	4.9	10.8	8.9	6.4	6.6	6.6	10.8	--	Crop residue <u>17/</u>	AUM	--	--	--	--	--	--	--	--	47.1	78.8	90.5	Hay	Ton	57.7	63.1	67.2	36.5	--	--	--	--	--	--	28.8	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--	Marketing month:														Steer calves	Head	--	--	--	--	--	--	--	--	--	19.0	--	Heifer calves	Head	--	--	--	--	--	--	--	--	--	23.0	--	Yearling steers	Head	--	--	--	--	--	--	--	44.0	--	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	17.0	--	5.0	--	Cull cows	Head	--	--	--	--	--	--	--	--	--	15.0	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																													
Feed source:																																																																																																																																																																																																																																																									
National Forest <u>16/</u>	AM	--	--	--	--	27.0	80.0	81.0	81.0	5.0	--	--																																																																																																																																																																																																																																													
Bureau of Land Management <u>16/</u>	AM	--	--	--	19.0	36.0	38.0	37.0	35.0	9.0	6.0	--																																																																																																																																																																																																																																													
Pasture rent/lease <u>17/</u>	AUM	--	--	--	19.8	43.3	35.8	25.5	26.5	42.7	--	--																																																																																																																																																																																																																																													
State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Deeded rangeland <u>17/</u>	AUM	--	--	--	72.1	159.5	130.0	91.6	94.3	47.1	78.8	90.5																																																																																																																																																																																																																																													
Other pasture <u>17/</u>	AUM	--	--	--	4.9	10.8	8.9	6.4	6.6	6.6	10.8	--																																																																																																																																																																																																																																													
Crop residue <u>17/</u>	AUM	--	--	--	--	--	--	--	--	47.1	78.8	90.5																																																																																																																																																																																																																																													
Hay	Ton	57.7	63.1	67.2	36.5	--	--	--	--	--	--	28.8																																																																																																																																																																																																																																													
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Marketing month:																																																																																																																																																																																																																																																									
Steer calves	Head	--	--	--	--	--	--	--	--	--	19.0	--																																																																																																																																																																																																																																													
Heifer calves	Head	--	--	--	--	--	--	--	--	--	23.0	--																																																																																																																																																																																																																																													
Yearling steers	Head	--	--	--	--	--	--	--	44.0	--	--	--																																																																																																																																																																																																																																													
Yearling heifers	Head	--	--	--	--	--	--	--	17.0	--	5.0	--																																																																																																																																																																																																																																													
Cull cows	Head	--	--	--	--	--	--	--	--	--	15.0	--																																																																																																																																																																																																																																													

Table 219--Beef cow enterprises with 800 or more cows, Ochoco National Forest, Central Oregon, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																										
Production:							Cash costs--Continued																																																																																																																																																																																																																																																
Bred cows 1/	Head	1,188	--	--	--	--	Protein supplement 5/	Ton	--	--	--	--	--																																																																																																																																																																																																																																										
Annual cow loss	Head	36	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																										
Cows culled	Head	139	--	--	--	--	Other feed	Ton	--	--	--	--	--																																																																																																																																																																																																																																										
Calves born alive	Head	1,093	--	--	--	--	Salt and mineral	Cwt	356.3	--	6.63	2,362	1.99																																																																																																																																																																																																																																										
Calves lost birth to weaning	Head	22	--	--	--	--	Veterinary & medicine	Dol	--	--	--	7,461	6.28																																																																																																																																																																																																																																										
Steer calves weaned	Head	535	--	--	--	--	Hired trucking	Dol	--	--	--	4,041	3.10																																																																																																																																																																																																																																										
Sold as weaners	Head	160	--	--	--	--	Marketing 6/	Dol	--	--	--	4,041	3.40																																																																																																																																																																																																																																										
Lost after weaning	Head	8	--	--	--	--	General overhead 7/	Dol	--	--	--	12,967	10.91																																																																																																																																																																																																																																										
Sold as yearlings	Head	367	--	--	--	--	Hired labor	Hrs	8,102.0	--	4.17	33,785	28.44																																																																																																																																																																																																																																										
Heifer calves weaned	Head	536	--	--	--	--	Fuel and lubricants	Dol	--	--	--	16,926	14.25																																																																																																																																																																																																																																										
Sold as weaners	Head	187	--	--	--	--	Repairs	Dol	--	--	--	17,035	14.34																																																																																																																																																																																																																																										
Lost after weaning	Head	7	--	--	--	--	Taxes 8/	Dol	--	--	--	14,675	12.35																																																																																																																																																																																																																																										
Sold as yearlings	Head	167	--	--	--	--	Insurance	Dol	--	--	--	5,524	4.65																																																																																																																																																																																																																																										
Kept for herd replacement 2/	Head	175	--	--	--	--	Interest on operating capital 9/	Dol	120,906.5	--	0.15	17,894	15.06																																																																																																																																																																																																																																										
Bulls	Head	79	--	--	--	--	Total cash costs	Dol	--	--	--	250,231	210.63																																																																																																																																																																																																																																										
Sales:							Other costs:																																																																																																																																																																																																																																																
Steer calves	Head	160	460	65.44	48,164	--	Family labor 10/	Hrs	4,693.0	--	4.17	19,570	16.47																																																																																																																																																																																																																																										
Heifer calves	Head	187	430	54.08	43,486	--	Capital replacement 11/	Dol	--	--	--	44,950	37.81																																																																																																																																																																																																																																										
Yearling steers	Head	367	750	62.00	170,655	--	Interest on investment other than land 13/	Dol	--	--	--	115,182	96.95																																																																																																																																																																																																																																										
Yearling heifers	Head	167	650	56.56	61,396	--	Interest on land 13/	Dol	--	--	--	682,238	574.27																																																																																																																																																																																																																																										
Cull cows	Head	139	900	35.05	43,848	--	Total other costs	Dol	--	--	--	861,940	725.54																																																																																																																																																																																																																																										
Total sales	Head	--	--	--	367,549	309.38	Total all costs	Dol	--	--	--	1,112,171	936.17																																																																																																																																																																																																																																										
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																
Federal grazing fees 3/	AM	3,159.0	--	1.86	5,876	4.95	Return above cash costs and family labor	Dol	--	--	--	117,318	98.75																																																																																																																																																																																																																																										
Private pasture lease	AUM	2,797.8	--	7.70	21,543	18.13	Return to total investment 14/	Dol	--	--	--	52,798	41.44																																																																																																																																																																																																																																										
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-62,384	-52.51																																																																																																																																																																																																																																										
State land lease	AUM	159.8	--	1.56	249	0.21																																																																																																																																																																																																																																																	
Irrigated pasture	AUM	--	--	--	--	--																																																																																																																																																																																																																																																	
Hay produced	Ton	1,910.1	--	37.17	70,998	59.76																																																																																																																																																																																																																																																	
Hay purchased	Ton	212.2	--	70.00	14,854	12.50																																																																																																																																																																																																																																																	
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td>Feed source:</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>160.0</td> <td>309.0</td> <td>262.0</td> <td>262.0</td> <td>24.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>334.0</td> <td>334.0</td> <td>296.0</td> <td>337.0</td> <td>328.0</td> <td>160.0</td> <td>65.0</td> <td>49.0</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>423.2</td> <td>479.8</td> <td>459.2</td> <td>424.4</td> <td>449.1</td> <td>459.5</td> <td>102.6</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>20.4</td> <td>22.8</td> <td>23.5</td> <td>24.2</td> <td>24.6</td> <td>23.8</td> <td>20.5</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>142.3</td> <td>1,327.1</td> <td>1,225.9</td> <td>1,067.8</td> <td>1,157.2</td> <td>850.0</td> <td>840.5</td> <td>755.6</td> </tr> <tr> <td>Other pasture lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>370.1</td> <td>840.5</td> <td>755.6</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>484.1</td> <td>530.7</td> <td>566.3</td> <td>306.2</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>235.0</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Marketing month:</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>160</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>187</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>367</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>127</td> <td>--</td> <td>40</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>139</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:													National Forest 16/	AM	--	--	--	--	160.0	309.0	262.0	262.0	24.0	--	--	Bureau of Land Management 16/	AM	--	--	--	334.0	334.0	296.0	337.0	328.0	160.0	65.0	49.0	Pasture rent/lease 17/	AUM	--	--	--	423.2	479.8	459.2	424.4	449.1	459.5	102.6	--	State land lease	AM	--	--	--	20.4	22.8	23.5	24.2	24.6	23.8	20.5	--	Deeded rangeland 17/	AUM	--	--	--	142.3	1,327.1	1,225.9	1,067.8	1,157.2	850.0	840.5	755.6	Other pasture lease	AUM	--	--	--	--	--	--	--	--	--	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	370.1	840.5	755.6	--	Hay	Ton	484.1	530.7	566.3	306.2	--	--	--	--	--	--	235.0	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--	Marketing month:													Steer calves	Head	--	--	--	--	--	--	--	--	--	160	--	Heifer calves	Head	--	--	--	--	--	--	--	--	--	187	--	Yearling steers	Head	--	--	--	--	--	--	--	367	--	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	127	--	40	--	Cull cows	Head	--	--	--	--	--	--	--	--	--	139	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																											
Feed source:																																																																																																																																																																																																																																																							
National Forest 16/	AM	--	--	--	--	160.0	309.0	262.0	262.0	24.0	--	--																																																																																																																																																																																																																																											
Bureau of Land Management 16/	AM	--	--	--	334.0	334.0	296.0	337.0	328.0	160.0	65.0	49.0																																																																																																																																																																																																																																											
Pasture rent/lease 17/	AUM	--	--	--	423.2	479.8	459.2	424.4	449.1	459.5	102.6	--																																																																																																																																																																																																																																											
State land lease	AM	--	--	--	20.4	22.8	23.5	24.2	24.6	23.8	20.5	--																																																																																																																																																																																																																																											
Deeded rangeland 17/	AUM	--	--	--	142.3	1,327.1	1,225.9	1,067.8	1,157.2	850.0	840.5	755.6																																																																																																																																																																																																																																											
Other pasture lease	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Crop residue 17/	AUM	--	--	--	--	--	--	--	370.1	840.5	755.6	--																																																																																																																																																																																																																																											
Hay	Ton	484.1	530.7	566.3	306.2	--	--	--	--	--	--	235.0																																																																																																																																																																																																																																											
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Marketing month:																																																																																																																																																																																																																																																							
Steer calves	Head	--	--	--	--	--	--	--	--	--	160	--																																																																																																																																																																																																																																											
Heifer calves	Head	--	--	--	--	--	--	--	--	--	187	--																																																																																																																																																																																																																																											
Yearling steers	Head	--	--	--	--	--	--	--	367	--	--	--																																																																																																																																																																																																																																											
Yearling heifers	Head	--	--	--	--	--	--	--	127	--	40	--																																																																																																																																																																																																																																											
Cull cows	Head	--	--	--	--	--	--	--	--	--	139	--																																																																																																																																																																																																																																											

Table 220--Beef cow enterprises with up to 99 cows, Malheur National Forest, East-Central Oregon, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																																											
Production:							Cash costs--Continued																																																																																																																																																																																																																																																																	
Bred cows 1/	Head	62	--	--	--	--	Protein supplement 5/	Ton	--	--	--	--	--																																																																																																																																																																																																																																																											
Annual cow loss	Head	2	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																																											
Cows culled	Head	6	--	--	--	--	Other feed	Ton	--	--	--	--	--																																																																																																																																																																																																																																																											
Calves born alive	Head	54	--	--	--	--	Salt and mineral	Cwt	21.7	--	6.63	144	2.32																																																																																																																																																																																																																																																											
Calves lost birth to weaning	Head	4	--	--	--	--	Veterinary & medicine	Dol	--	--	--	467	7.53																																																																																																																																																																																																																																																											
Steer calves weaned	Head	25	--	--	--	--	Hired trucking	Dol	--	--	--	122	1.97																																																																																																																																																																																																																																																											
Sold as weaners	Head	14	--	--	--	--	Marketing 6/	Dol	--	--	--	277	4.47																																																																																																																																																																																																																																																											
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	Dol	--	--	--	1,068	17.23																																																																																																																																																																																																																																																											
Sold as yearlings	Head	11	--	--	--	--	Hired labor	Hrs	253.0	--	4.35	1,101	17.76																																																																																																																																																																																																																																																											
Heifer calves weaned	Head	25	--	--	--	--	Fuel and lubricants	Dol	--	--	--	1,288	20.77																																																																																																																																																																																																																																																											
Sold as weaners	Head	11	--	--	--	--	Repairs	Dol	--	--	--	1,677	27.05																																																																																																																																																																																																																																																											
Lost after weaning	Head	--	--	--	--	--	Taxes 8/	Dol	--	--	--	888	14.32																																																																																																																																																																																																																																																											
Sold as yearlings	Head	6	--	--	--	--	Insurance	Dol	--	--	--	364	5.87																																																																																																																																																																																																																																																											
Kept for herd replacement 2/	Head	8	--	--	--	--	Interest on operating capital 9/	Dol	6,349.1	--	0.15	940	15.16																																																																																																																																																																																																																																																											
Bulls	Head	4	--	--	--	--	Total cash costs	Dol	--	--	--	15,746	253.97																																																																																																																																																																																																																																																											
Sales:							Other costs:																																																																																																																																																																																																																																																																	
Steer calves	Head	14	400	64.87	3,633	--	Family labor 10/	Hrs	757.0	--	4.35	3,293	53.11																																																																																																																																																																																																																																																											
Heifer calves	Head	11	375	56.00	2,310	--	Capital replacement 11/	Dol	--	--	--	4,248	68.52																																																																																																																																																																																																																																																											
Yearling steers	Head	11	750	62.00	5,115	--	Interest on investment other than land 13/	Dol	--	--	--	7,743	124.89																																																																																																																																																																																																																																																											
Yearling heifers	Head	6	700	56.56	2,376	--	Interest on land 13/	Dol	--	--	--	35,487	572.37																																																																																																																																																																																																																																																											
Cull cows	Head	6	950	35.05	1,998	--	Total other costs	Dol	--	--	--	50,771	818.89																																																																																																																																																																																																																																																											
Total sales	Head	--	--	--	15,432	248.90	Total all costs	Dol	--	--	--	66,517	1072.85																																																																																																																																																																																																																																																											
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																																	
Federal grazing fees 3/	AM	174.5	--	1.86	325	5.24	Return above cash costs:	Dol	--	--	--	-314	-5.06																																																																																																																																																																																																																																																											
Private pasture lease	AUM	284.5	--	7.70	2,191	35.34	Return above cash costs: and family labor	Dol	--	--	--	-3,607	-58.18																																																																																																																																																																																																																																																											
Other pasture lease 4/	AUM	--	--	--	--	--	Return to total investment 14/	Dol	--	--	--	-7,855	-126.69																																																																																																																																																																																																																																																											
State land lease	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-15,598	-251.58																																																																																																																																																																																																																																																											
Irrigated pasture	AUM	--	--	--	--	--																																																																																																																																																																																																																																																																		
Hay produced	Ton	119.6	--	37.17	4,446	71.71																																																																																																																																																																																																																																																																		
Hay purchased	Ton	6.4	--	70.00	448	7.23																																																																																																																																																																																																																																																																		
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td colspan="14">Feed source:</td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>5.0</td> <td>35.0</td> <td>38.0</td> <td>38.0</td> <td>35.0</td> <td>7.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>5.5</td> <td>5.5</td> <td>5.5</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>33.5</td> <td>43.5</td> <td>43.5</td> <td>43.5</td> <td>43.5</td> <td>33.5</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>14.3</td> <td>49.3</td> <td>12.1</td> <td>18.7</td> <td>19.7</td> <td>22.2</td> <td>14.0</td> <td>12.0</td> <td>--</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>35.0</td> <td>25.0</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>23.5</td> <td>25.8</td> <td>27.7</td> <td>14.5</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>12.0</td> <td>22.5</td> <td>--</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td colspan="14">Marketing month:</td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>11.0</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>11.0</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>11.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>4.0</td> <td>--</td> <td>--</td> <td>2.0</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>6.0</td> <td>--</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:														National Forest 16/	AM	--	--	--	--	5.0	35.0	38.0	38.0	35.0	7.0	--	--	Bureau of Land Management 16/	AM	--	--	--	5.5	5.5	5.5	--	--	--	--	--	--	Pasture rent/lease 17/	AUM	--	--	--	33.5	43.5	43.5	43.5	43.5	33.5	--	--	--	State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--	--	Deeded rangeland 17/	AUM	--	--	--	14.3	49.3	12.1	18.7	19.7	22.2	14.0	12.0	--	Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	35.0	25.0	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--	Hay	Ton	23.5	25.8	27.7	14.5	--	--	--	--	--	12.0	22.5	--	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--	--	Marketing month:														Steer calves	Head	--	--	--	--	--	--	--	--	--	--	--	11.0	Heifer calves	Head	--	--	--	--	--	--	--	--	--	--	--	11.0	Yearling steers	Head	--	--	--	--	--	--	--	11.0	--	--	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	4.0	--	--	2.0	--	Cull cows	Head	--	--	--	--	--	--	--	--	--	6.0	--	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																																												
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Bureau of Land Management 16/	AM	--	--	--	5.5	5.5	5.5	--	--	--	--	--	--																																																																																																																																																																																																																																																											
Pasture rent/lease 17/	AUM	--	--	--	33.5	43.5	43.5	43.5	43.5	33.5	--	--	--																																																																																																																																																																																																																																																											
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Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	35.0	25.0	--																																																																																																																																																																																																																																																											
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																											
Hay	Ton	23.5	25.8	27.7	14.5	--	--	--	--	--	12.0	22.5	--																																																																																																																																																																																																																																																											
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																											
Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																											
Marketing month:																																																																																																																																																																																																																																																																								
Steer calves	Head	--	--	--	--	--	--	--	--	--	--	--	11.0																																																																																																																																																																																																																																																											
Heifer calves	Head	--	--	--	--	--	--	--	--	--	--	--	11.0																																																																																																																																																																																																																																																											
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Yearling heifers	Head	--	--	--	--	--	--	--	4.0	--	--	2.0	--																																																																																																																																																																																																																																																											
Cull cows	Head	--	--	--	--	--	--	--	--	--	6.0	--	--																																																																																																																																																																																																																																																											

Table 221--Beef cow enterprises with 100-299 cows, Malheur National Forest, East-Central Oregon, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow
Production:							cash costs--Continued						
Bred cows 1/	Head	176	--	--	--	--	Protein supplement 5/	Ton	--	--	--	--	--
Annual cow loss	Head	4	--	--	--	--	Grain	Bu	--	--	--	--	--
Cows culled	Head	16	--	--	--	--	Other feed	Ton	--	--	--	--	--
Calves born alive	Head	158	--	--	--	--	Salt and mineral	Cwt	61.6	6.63	408	2.32	--
Calves lost birth to weaning	Head	7	--	--	--	--	Veterinary & medicine	Dol	--	--	1,023	5.81	--
Steer calves weaned	Head	75	--	--	--	--	Hired trucking	Dol	--	--	245	1.39	--
Sold as weaners	Head	57	--	--	--	--	Marketing 6/	Dol	--	--	556	3.16	--
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	Dol	--	--	2,564	14.57	--
Sold as yearlings	Head	18	--	--	--	--	Hired labor	Hrs	1,175.0	4.35	5,111	29.04	--
Heifer calves weaned	Head	76	--	--	--	--	Fuel and lubricants	Dol	--	--	2,424	13.77	--
Sold as weaners	Head	46	--	--	--	--	Repairs	Dol	--	--	2,328	13.23	--
Lost after weaning	Head	--	--	--	--	--	Taxes 8/	Dol	--	--	2,035	11.56	--
Sold as yearlings	Head	10	--	--	--	--	Insurance	Dol	--	--	846	4.81	--
Kept for herd replacement 2/	Head	20	--	--	--	--	Interest on operating capital 9/	Dol	14,034.0	0.15	2,077	11.80	--
Bulls	Head	10	--	--	--	--	Total cash costs	Dol	--	--	38,663	219.68	--
Sales:							Other costs:						
Steer calves	Head	57	477	65.00	17,673	--	Family labor 10/	Hrs	1,175.0	4.35	5,111	29.04	--
Heifer calves	Head	46	420	56.75	10,964	--	Capital replacement 11/	Dol	--	--	7,347	41.74	--
Yearling steers	Head	18	826	62.00	9,218	--	Interest on investment other than land 13/	Dol	--	--	14,497	82.37	--
Yearling heifers	Head	10	647	56.56	3,659	--	Interest on land 13/	Dol	--	--	90,785	515.82	--
Cull cows	Head	16	958	40.50	6,208	--	Total other costs	Dol	--	--	117,740	668.98	--
Total sales	Head	--	--	--	47,722	271.15	Total all costs	Dol	--	--	156,403	888.65	--
Cash costs:							Return above cash costs:						
Federal grazing fees 3/	AM	464.0	--	1.86	863	4.90	Return above cash costs and family labor	Dol	--	--	9,059	51.47	--
Private pasture lease	AUM	420.0	--	7.70	3,234	18.38	Return to total investment 14/	Dol	--	--	3,948	22.43	--
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	-3,399	-19.31	--
State land lease	AUM	--	--	--	--	--					-17,896	-101.68	--
Irrigated pasture	AUM	--	--	--	--	--							
Hay produced	Ton	195.4	--	37.17	7,263	41.27							
Hay purchased	Ton	109.8	--	70.00	7,686	43.67							
Feed source:													
National Forest 16/	AM	--	--	--	--	7.0	98.0	106.0	107.0	104.0	42.0	--	--
Bureau of Land Management 16/	AM	--	--	--	--	--	--	--	--	--	--	--	--
Pasture rent/lease 17/	AUM	--	--	--	80.0	80.0	50.0	50.0	75.0	85.0	--	--	--
State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--	--
Deeded rangeland 17/	AUM	--	--	--	88.0	198.5	116.3	109.7	85.3	73.7	11.9	18.0	--
Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	190.0	175.0	--
Hay	Ton	63.4	69.4	74.5	30.0	--	--	--	--	--	--	4.5	63.4
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--
Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--	--
Marketing month:													
Steer calves	Head	--	--	--	--	--	--	--	--	57.0	--	--	--
Heifer calves	Head	--	--	--	--	--	--	--	--	46.0	--	--	--
Yearling steers	Head	--	--	--	--	--	--	--	--	18.0	--	--	--
Yearling heifers	Head	--	--	--	--	--	--	--	--	10.0	--	--	--
Cull cows	Head	--	--	--	--	--	--	--	--	16.0	--	--	--

Table 223--Beef cow enterprises of all sizes, Mt. Hood National Forest, Northwest Oregon, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																										
Production:							Cash costs--Continued:																																																																																																																																																																																																																																																
Bred cows 1/	Head	194	--	--	--	--	Protein supplement 5/	Ton	--	--	--	--	--																																																																																																																																																																																																																																										
Annual cow loss	Head	6	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																										
Cows culled	Head	19	--	--	--	--	Other feed	Ton	--	--	--	--	--																																																																																																																																																																																																																																										
Calves born alive	Head	184	--	--	--	--	Salt and mineral	Cwt	67.9	--	6.63	450	2.32																																																																																																																																																																																																																																										
Calves lost birth to weaning	Head	18	--	--	--	--	Veterinary & medicine	Dol	--	--	--	2,112	10.89																																																																																																																																																																																																																																										
Steer calves weaned	Head	83	--	--	--	--	Hired trucking	Dol	--	--	--	332	1.71																																																																																																																																																																																																																																										
Sold as weaners	Head	71	--	--	--	--	Marketing 6/	Dol	--	--	--	1,026	5.29																																																																																																																																																																																																																																										
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	Dol	--	--	--	2,606	13.43																																																																																																																																																																																																																																										
Sold as yearlings	Head	12	--	--	--	--	Hired labor	Hrs	846.0	--	4.17	3,528	18.18																																																																																																																																																																																																																																										
Heifer calves weaned	Head	83	--	--	--	--	Fuel and lubricants	Dol	--	--	--	3,152	16.25																																																																																																																																																																																																																																										
Sold as weaners	Head	62	--	--	--	--	Repairs	Dol	--	--	--	3,170	16.34																																																																																																																																																																																																																																										
Lost after weaning	Head	1	--	--	--	--	Taxes 8/	Dol	--	--	--	2,442	12.59																																																																																																																																																																																																																																										
Sold as yearlings	Head	3	--	--	--	--	Insurance	Dol	--	--	--	884	4.56																																																																																																																																																																																																																																										
Kept for herd replacement 2/	Head	25	--	--	--	--	Interest on operating capital 9/	Dol	24,016.18	--	0.15	3,554	18.32																																																																																																																																																																																																																																										
Bulls	Head	8	--	--	--	--	Total cash costs	Dol	--	--	--	35,800	184.54																																																																																																																																																																																																																																										
Sales:							Other costs:																																																																																																																																																																																																																																																
Steer calves	Head	71	500	65.44	23,231	--	Family labor 10/	Hrs	2,689.0	--	4.17	11,213	57.80																																																																																																																																																																																																																																										
Heifer calves	Head	62	475	54.08	15,927	--	Capital replacement 11/	Dol	--	--	--	7,341	37.84																																																																																																																																																																																																																																										
Yearling steers	Head	12	750	61.56	5,540	--	Interest on investment other than land 13/	Dol	--	--	--	18,279	94.22																																																																																																																																																																																																																																										
Yearling heifers	Head	3	600	54.06	973	--	Interest on land 13/	Dol	--	--	--	110,385	568.99																																																																																																																																																																																																																																										
Cull cows	Head	19	1,050	37.71	7,523	--	Total other costs	Dol	--	--	--	147,218	758.86																																																																																																																																																																																																																																										
Total sales	Head	--	--	--	53,194	274.20	Total all costs	Dol	--	--	--	183,018	943.39																																																																																																																																																																																																																																										
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																
Federal grazing fees 3/	AM	700.0	--	1.86	1,302	6.71	Return above cash costs:	Dol	--	--	--	17,394	89.66																																																																																																																																																																																																																																										
Private pasture lease	AUM	125.5	--	7.70	966	4.98	Return above cash costs:	Dol	--	--	--	6,181	31.86																																																																																																																																																																																																																																										
Other pasture lease 4/	AUM	--	--	--	--	0.25	Return to total investment 14/	Dol	--	--	--	-1,160	-5.98																																																																																																																																																																																																																																										
State land lease	AUM	30.5	--	1.56	48	4.73	Return to land 15/	Dol	--	--	--	-19,439	-100.20																																																																																																																																																																																																																																										
Irrigated pasture	AUM	--	--	--	--	--																																																																																																																																																																																																																																																	
Hay produced	Ton	250.5	--	37.17	9,311	48.00																																																																																																																																																																																																																																																	
Hay purchased	Ton	13.1	--	70.00	917																																																																																																																																																																																																																																																		
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td>Feed source:</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>72.0</td> <td>131.0</td> <td>132.0</td> <td>117.0</td> <td>2.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>14.0</td> <td>14.0</td> <td>22.0</td> <td>27.0</td> <td>26.0</td> <td>24.0</td> <td>24.0</td> <td>24.0</td> <td>24.0</td> <td>19.0</td> <td>14.0</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>23.4</td> <td>24.5</td> <td>18.7</td> <td>9.6</td> <td>9.8</td> <td>12.1</td> <td>27.4</td> <td>--</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>4.7</td> <td>4.9</td> <td>3.7</td> <td>1.9</td> <td>2.0</td> <td>2.4</td> <td>5.5</td> <td>5.4</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>91.2</td> <td>221.8</td> <td>154.7</td> <td>92.2</td> <td>95.3</td> <td>116.4</td> <td>125.7</td> <td>134.3</td> <td>104.0</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>125.7</td> <td>134.4</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>63.4</td> <td>69.5</td> <td>36.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>31.3</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Marketing month:</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>71</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>62</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>12</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>3</td> <td>--</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>19</td> <td>--</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:													National Forest 16/	AM	--	--	--	--	72.0	131.0	132.0	117.0	2.0	--	--	Bureau of Land Management 16/	AM	14.0	14.0	22.0	27.0	26.0	24.0	24.0	24.0	24.0	19.0	14.0	Pasture rent/lease 17/	AUM	--	--	23.4	24.5	18.7	9.6	9.8	12.1	27.4	--	--	State land lease	AUM	--	--	4.7	4.9	3.7	1.9	2.0	2.4	5.5	5.4	--	Deeded rangeland 17/	AUM	--	--	91.2	221.8	154.7	92.2	95.3	116.4	125.7	134.3	104.0	Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	125.7	134.4	--	Hay	Ton	63.4	69.5	36.0	--	--	--	--	--	--	--	31.3	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--	Marketing month:													Steer calves	Head	--	--	--	--	--	--	--	--	--	71	--	Heifer calves	Head	--	--	--	--	--	--	--	--	--	62	--	Yearling steers	Head	--	--	--	--	--	--	12	--	--	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	--	3	--	--	Cull cows	Head	--	--	--	--	--	--	--	--	19	--	--
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Bureau of Land Management 16/	AM	14.0	14.0	22.0	27.0	26.0	24.0	24.0	24.0	24.0	19.0	14.0																																																																																																																																																																																																																																											
Pasture rent/lease 17/	AUM	--	--	23.4	24.5	18.7	9.6	9.8	12.1	27.4	--	--																																																																																																																																																																																																																																											
State land lease	AUM	--	--	4.7	4.9	3.7	1.9	2.0	2.4	5.5	5.4	--																																																																																																																																																																																																																																											
Deeded rangeland 17/	AUM	--	--	91.2	221.8	154.7	92.2	95.3	116.4	125.7	134.3	104.0																																																																																																																																																																																																																																											
Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
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Hay	Ton	63.4	69.5	36.0	--	--	--	--	--	--	--	31.3																																																																																																																																																																																																																																											
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
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Cull cows	Head	--	--	--	--	--	--	--	--	19	--	--																																																																																																																																																																																																																																											

Table 224--Beef cow enterprises with 0-99 size cows, Washington Okenogan National Forest, North-Central Washington, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																										
Production:							Cash costs--Continued																																																																																																																																																																																																																																																
Bred cows 1/	Head	55					Protein supplement 5/	Ton	1.1		253.60	279	5.07																																																																																																																																																																																																																																										
Annual cow loss	Head	2					Grain	Bu																																																																																																																																																																																																																																															
Cows culled	Head	9					Miscellaneous	Ton																																																																																																																																																																																																																																															
Calves born alive	Head	51					Salt and mineral	Cwt	19.0		7.24	138	2.51																																																																																																																																																																																																																																										
Calves lost birth to weaning	Head	2					Veterinary & medicine	Dol				414	7.53																																																																																																																																																																																																																																										
Steer calves weaned	Head	24					Hired trucking	Dol				242	4.40																																																																																																																																																																																																																																										
Sold as weaners	Head	13					Marketing 6/	Dol				111	2.02																																																																																																																																																																																																																																										
Lost after weaning	Head						General overhead 7/	Dol				948	17.24																																																																																																																																																																																																																																										
Sold as yearlings	Head	11					Hired labor	Hrs	313.0		4.34	1,358	24.69																																																																																																																																																																																																																																										
Heifer calves weaned	Head	25					Fuel and lubricants	Dol				1,235	22.45																																																																																																																																																																																																																																										
Sold as weaners	Head	7					Repairs	Dol				1,587	28.85																																																																																																																																																																																																																																										
Lost after weaning	Head						Taxes 8/	Dol				1,234	22.44																																																																																																																																																																																																																																										
Sold as yearlings	Head	7					Insurance	Dol				301	5.47																																																																																																																																																																																																																																										
Kept for herd replacement 2/	Head	11					Interest on operating capital 9/	Dol	5,903.0		0.15	885	16.09																																																																																																																																																																																																																																										
Bulls	Head	2					Total cash costs	Dol				12,819	233.07																																																																																																																																																																																																																																										
Sales:							Other costs:																																																																																																																																																																																																																																																
Steer calves	Head	13	450	65.44	3,828		Family labor 10/	Hrs	937.0		4.34	4,067	73.95																																																																																																																																																																																																																																										
Heifer calves	Head	7	425	54.08	1,609		Capital replacement 11/	Dol				3,309	60.16																																																																																																																																																																																																																																										
Yearling steers	Head	11	705	62.00	4,808		Interest on investment other than land 13/	Dol				6,604	120.07																																																																																																																																																																																																																																										
Yearling heifers	Head	7	660	56.56	2,613		Interest on land 13/	Dol				36,634	666.07																																																																																																																																																																																																																																										
Cull cows	Head	9	1,075	35.05	3,391		Total other costs	Dol				50,614	920.25																																																																																																																																																																																																																																										
Total sales	Head				16,249	295.44	Total all costs	Dol				63,433	1153.33																																																																																																																																																																																																																																										
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																
Federal grazing fees 3/	AM	165.0		1.86	307	5.58	Return above cash costs and family labor	Dol				3,430	62.36																																																																																																																																																																																																																																										
Private pasture lease	AUM						Return above cash costs and family labor	Dol				-637	-11.58																																																																																																																																																																																																																																										
Other pasture lease 4/	AUM						Return to total investment 14/	Dol				-3,946	-71.75																																																																																																																																																																																																																																										
State land lease	AUM						Return to land 15/	Dol				-10,550	-191.82																																																																																																																																																																																																																																										
Irrigated pasture	AUM	30.0		4.12	124	2.25																																																																																																																																																																																																																																																	
Hay produced	Ton	88.8		32.91	2,922	53.13																																																																																																																																																																																																																																																	
Hay purchased	Ton	10.2		72.00	734	13.35																																																																																																																																																																																																																																																	
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td>Feed source:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td></td> <td></td> <td></td> <td>2.0</td> <td>34.0</td> <td>43.0</td> <td>43.0</td> <td>43.0</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>14.3</td> <td>22.7</td> <td>29.1</td> <td>36.1</td> <td>94.3</td> <td>55.3</td> <td>45.2</td> <td>46.2</td> <td>16.2</td> <td>20.0</td> <td>13.7</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>30.0</td> <td></td> <td></td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>60.0</td> <td></td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>16.5</td> <td>16.5</td> <td>16.5</td> <td>16.5</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>16.5</td> <td>16.5</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>.3</td> <td>.3</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>.3</td> <td>.2</td> </tr> <tr> <td>Marketing month:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>13.0</td> <td></td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>7.0</td> <td></td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>11.0</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>7.0</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>9.0</td> <td></td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:													National Forest 16/	AM				2.0	34.0	43.0	43.0	43.0				Bureau of Land Management 16/	AM												Pasture rent/lease 17/	AUM												State land lease	AUM												Deeded rangeland 17/	AUM	14.3	22.7	29.1	36.1	94.3	55.3	45.2	46.2	16.2	20.0	13.7	Irrigated pasture 17/	AUM									30.0			Crop residue 17/	AUM										60.0		Hay	Ton	16.5	16.5	16.5	16.5						16.5	16.5	Grain	Bu												Protein supplement	Ton	.3	.3								.3	.2	Marketing month:													Steer calves	Head										13.0		Heifer calves	Head										7.0		Yearling steers	Head								11.0				Yearling heifers	Head							7.0					Cull cows	Head										9.0	
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																											
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Irrigated pasture 17/	AUM									30.0																																																																																																																																																																																																																																													
Crop residue 17/	AUM										60.0																																																																																																																																																																																																																																												
Hay	Ton	16.5	16.5	16.5	16.5						16.5	16.5																																																																																																																																																																																																																																											
Grain	Bu																																																																																																																																																																																																																																																						
Protein supplement	Ton	.3	.3								.3	.2																																																																																																																																																																																																																																											
Marketing month:																																																																																																																																																																																																																																																							
Steer calves	Head										13.0																																																																																																																																																																																																																																												
Heifer calves	Head										7.0																																																																																																																																																																																																																																												
Yearling steers	Head								11.0																																																																																																																																																																																																																																														
Yearling heifers	Head							7.0																																																																																																																																																																																																																																															
Cull cows	Head										9.0																																																																																																																																																																																																																																												

Table 225—Beef cow enterprises with 100-299 cows, Washington Okenogan National Forest, North Central Washington, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																										
Production:							Cash costs—Continued																																																																																																																																																																																																																																																
Bred cows 1/	Head	142	--	--	--	--	Protein supplement 5/	Ton	2.9	--	253.60	735	5.18																																																																																																																																																																																																																																										
Annual cow loss	Head	4	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																										
Cows culled	Head	23	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--																																																																																																																																																																																																																																										
Calves born alive	Head	131	--	--	--	--	Salt and mineral	Cwt	49.7	--	7.24	360	2.54																																																																																																																																																																																																																																										
Calves lost birth to weaning	Head	4	--	--	--	--	Veterinary & medicine	Dol	--	--	--	825	5.81																																																																																																																																																																																																																																										
Steer calves weaned	Head	63	--	--	--	--	Hired trucking	Dol	--	--	--	485	3.42																																																																																																																																																																																																																																										
Sold as weaners	Head	32	--	--	--	--	Marketing 6/	Dol	--	--	--	162	1.14																																																																																																																																																																																																																																										
Lost after weaning	Head	2	--	--	--	--	General overhead 7/	Dol	--	--	--	2,070	14.58																																																																																																																																																																																																																																										
Sold as yearlings	Head	30	--	--	--	--	Hired labor	Hrs	835.0	--	4.34	3,624	25.52																																																																																																																																																																																																																																										
Heifer calves weaned	Head	64	--	--	--	--	Fuel and lubricants	Dol	--	--	--	2,405	16.94																																																																																																																																																																																																																																										
Sold as weaners	Head	18	--	--	--	--	Repairs	Dol	--	--	--	2,327	16.39																																																																																																																																																																																																																																										
Lost after weaning	Head	--	--	--	--	--	Taxes 8/	Dol	--	--	--	2,662	18.75																																																																																																																																																																																																																																										
Sold as yearlings	Head	18	--	--	--	--	Insurance	Dol	--	--	--	697	4.91																																																																																																																																																																																																																																										
Kept for herd replacement 2/	Head	27	--	--	--	--	Interest on operating capital 9/	Dol	14,315.6	--	0.15	2,119	14.92																																																																																																																																																																																																																																										
Bulls	Head	6	--	--	--	--	Total cash costs	Dol	--	--	--	31,082	218.89																																																																																																																																																																																																																																										
Sales:							Other costs:																																																																																																																																																																																																																																																
Steer calves	Head	32	450	65.44	9,423	--	Family labor 10/	Hrs	1,668.0	--	4.34	7,239	50.98																																																																																																																																																																																																																																										
Heifer calves	Head	18	425	54.08	4,137	--	Capital replacement 11/	Dol	--	--	--	5,953	41.92																																																																																																																																																																																																																																										
Yearling steers	Head	30	690	63.50	13,145	--	Interest on investment other than land 13/	Dol	--	--	--	14,581	102.68																																																																																																																																																																																																																																										
Yearling heifers	Head	18	655	56.56	6,668	--	Interest on land 13/	Dol	--	--	--	81,787	575.96																																																																																																																																																																																																																																										
Cull cows	Head	23	1,075	35.05	8,666	--	Total other costs	Dol	--	--	--	109,560	771.55																																																																																																																																																																																																																																										
Total sales	Head	--	--	--	42,039	296.05	Total all costs	Dol	--	--	--	140,642	990.44																																																																																																																																																																																																																																										
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																
Federal grazing fees 3/	AM	392.0	--	1.86	729	5.13	Return above cash costs and family labor	Dol	--	--	--	10,957	77.16																																																																																																																																																																																																																																										
Private pasture lease	AUM	--	--	--	--	--	Return above cash costs	Dol	--	--	--	--	--																																																																																																																																																																																																																																										
Other pasture lease 4/	AUM	--	--	--	--	--	Return to total investment 14/	Dol	--	--	--	-2,235	-15.74																																																																																																																																																																																																																																										
State land lease	AUM	13.0	--	4.32	56	.39	Return to land 15/	Dol	--	--	--	-16,816	-118.42																																																																																																																																																																																																																																										
Irrigated pasture	AUM	100.0	--	4.12	412	2.90																																																																																																																																																																																																																																																	
Hay produced	Ton	178.8	--	32.91	5,884	41.44																																																																																																																																																																																																																																																	
Hay purchased	Ton	76.8	--	72.00	5,530	38.94																																																																																																																																																																																																																																																	
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td>Feed source:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>14.0</td> <td>88.0</td> <td>95.0</td> <td>94.0</td> <td>93.0</td> <td>8.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Pasture rent/Lease 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>4.3</td> <td>4.3</td> <td>4.4</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>38.7</td> <td>57.6</td> <td>75.1</td> <td>93.1</td> <td>233.9</td> <td>138.1</td> <td>135.9</td> <td>141.4</td> <td>44.9</td> <td>47.2</td> <td>35.6</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>100.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>149.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>42.6</td> <td>42.6</td> <td>42.6</td> <td>42.6</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>42.6</td> <td>42.6</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>.8</td> <td>.7</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>.7</td> <td>.7</td> </tr> <tr> <td>Marketing month:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>32.0</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>18.0</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>30.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>18.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>23.0</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:													National Forest 16/	AM	--	--	--	14.0	88.0	95.0	94.0	93.0	8.0	--	--	Bureau of Land Management 16/	AM	--	--	--	--	--	--	--	--	--	--	--	Pasture rent/Lease 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	State land lease	AUM	--	--	--	--	4.3	4.3	4.4	--	--	--	--	Deeded rangeland 17/	AUM	38.7	57.6	75.1	93.1	233.9	138.1	135.9	141.4	44.9	47.2	35.6	Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	100.0	--	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	149.0	--	--	Hay	Ton	42.6	42.6	42.6	42.6	--	--	--	--	--	42.6	42.6	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	.8	.7	--	--	--	--	--	--	--	.7	.7	Marketing month:													Steer calves	Head	--	--	--	--	--	--	--	--	--	32.0	--	Heifer calves	Head	--	--	--	--	--	--	--	--	--	18.0	--	Yearling steers	Head	--	--	--	--	--	--	--	30.0	--	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	18.0	--	--	--	Cull cows	Head	--	--	--	--	--	--	--	--	--	23.0	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																											
Feed source:																																																																																																																																																																																																																																																							
National Forest 16/	AM	--	--	--	14.0	88.0	95.0	94.0	93.0	8.0	--	--																																																																																																																																																																																																																																											
Bureau of Land Management 16/	AM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Pasture rent/Lease 17/	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
State land lease	AUM	--	--	--	--	4.3	4.3	4.4	--	--	--	--																																																																																																																																																																																																																																											
Deeded rangeland 17/	AUM	38.7	57.6	75.1	93.1	233.9	138.1	135.9	141.4	44.9	47.2	35.6																																																																																																																																																																																																																																											
Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	100.0	--	--	--																																																																																																																																																																																																																																											
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	149.0	--	--																																																																																																																																																																																																																																											
Hay	Ton	42.6	42.6	42.6	42.6	--	--	--	--	--	42.6	42.6																																																																																																																																																																																																																																											
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Protein supplement	Ton	.8	.7	--	--	--	--	--	--	--	.7	.7																																																																																																																																																																																																																																											
Marketing month:																																																																																																																																																																																																																																																							
Steer calves	Head	--	--	--	--	--	--	--	--	--	32.0	--																																																																																																																																																																																																																																											
Heifer calves	Head	--	--	--	--	--	--	--	--	--	18.0	--																																																																																																																																																																																																																																											
Yearling steers	Head	--	--	--	--	--	--	--	30.0	--	--	--																																																																																																																																																																																																																																											
Yearling heifers	Head	--	--	--	--	--	--	--	18.0	--	--	--																																																																																																																																																																																																																																											
Cull cows	Head	--	--	--	--	--	--	--	--	--	23.0	--																																																																																																																																																																																																																																											

Table 226--Beef cow enterprises of 200-399 cows, Okenogan National Forest, North-Central Washington, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																										
Production:							Cash costs--Continued																																																																																																																																																																																																																																																
Bred cows 1/	Head	257	--	--	--	--	Protein supplement 5/	Ton	5.2	--	253.6	1,319	5.13																																																																																																																																																																																																																																										
Annual cow loss	Head	8	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																										
Cows culled	Head	44	--	--	--	--	Other feed	Ton	--	--	--	--	--																																																																																																																																																																																																																																										
Calves born alive	Head	236	--	--	--	--	Salt and mineral	Cwt	89.9	--	7.24	651	2.53																																																																																																																																																																																																																																										
Calves lost birth to weaning	Head	7	--	--	--	--	Veterinary & medicine	Dol	--	--	--	1,643	6.39																																																																																																																																																																																																																																										
Steer calves weaned	Head	115	--	--	--	--	Hired trucking	Dol	--	--	--	1,091	4.25																																																																																																																																																																																																																																										
Sold as weaners	Head	58	--	--	--	--	Marketing 6/	Dol	--	--	--	165	0.64																																																																																																																																																																																																																																										
Lost after weaning	Head	2	--	--	--	--	General overhead 7/	Dol	--	--	--	1,606	6.25																																																																																																																																																																																																																																										
Sold as yearlings	Head	55	--	--	--	--	Hired labor	Hrs	1,192.0	--	4.34	5,173	20.13																																																																																																																																																																																																																																										
Heifer calves weaned	Head	115	--	--	--	--	Fuel and lubricants	Dol	--	--	--	2,906	11.31																																																																																																																																																																																																																																										
Sold as weaners	Head	32	--	--	--	--	Repairs	Dol	--	--	--	2,997	11.66																																																																																																																																																																																																																																										
Lost after weaning	Head	1	--	--	--	--	Taxes 8/	Dol	--	--	--	4,506	17.53																																																																																																																																																																																																																																										
Sold as yearlings	Head	30	--	--	--	--	Insurance	Dol	--	--	--	1,178	4.58																																																																																																																																																																																																																																										
Kept for herd replacement 2/	Head	52	--	--	--	--	Interest on operating capital 9/	Dol	20,653.0	--	0.15	3,098	12.05																																																																																																																																																																																																																																										
Bulls	Head	10	--	--	--	--	Total cash costs	Dol	--	--	--	45,758	178.05																																																																																																																																																																																																																																										
Sales:							Other costs:																																																																																																																																																																																																																																																
Steer calves	Head	58	460	65.44	17,459	--	Family labor 10/	Hrs	2,010.0	--	4.34	8,723	33.94																																																																																																																																																																																																																																										
Heifer calves	Head	32	450	54.08	7,788	--	Capital replacement 11/	Dol	--	--	--	7,729	30.07																																																																																																																																																																																																																																										
Yearling steers	Head	55	690	63.50	24,098	--	Interest on investment other than land 13/	Dol	--	--	--	24,151	93.97																																																																																																																																																																																																																																										
Yearling heifers	Head	30	645	56.56	10,944	--	Interest on land 13/	Dol	--	--	--	143,946	560.10																																																																																																																																																																																																																																										
Cull cows	Head	44	1,075	35.05	16,579	--	Total other costs	Dol	--	--	--	184,549	718.00																																																																																																																																																																																																																																										
Total sales	Head	--	--	--	76,868	299.10	Total all costs	Dol	--	--	--	230,307	896.14																																																																																																																																																																																																																																										
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																
Federal grazing fees 3/	AM	575.0	--	1.86	1,070	4.16	and family labor	Dol	--	--	--	31,110	121.05																																																																																																																																																																																																																																										
Private pasture lease	AUM	--	--	--	--	--	Return to total investment 14/	Dol	--	--	--	14,658	57.04																																																																																																																																																																																																																																										
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-9,493	-36.94																																																																																																																																																																																																																																										
State land lease	AUM	47.4	--	4.32	205	0.80																																																																																																																																																																																																																																																	
Irrigated pasture	AJM	205.8	--	4.12	848	3.30																																																																																																																																																																																																																																																	
Hay produced	Ton	270.2	--	32.91	8,892	34.60																																																																																																																																																																																																																																																	
Hay purchased	Ton	116.8	--	72.00	8,410	32.72																																																																																																																																																																																																																																																	
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td>Feed source:</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>16.0</td> <td>122.0</td> <td>133.0</td> <td>145.0</td> <td>141.0</td> <td>18.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Pasture rent/Lease 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>15.8</td> <td>15.8</td> <td>15.8</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>68.6</td> <td>153.1</td> <td>184.5</td> <td>216.5</td> <td>434.2</td> <td>294.9</td> <td>292.9</td> <td>79.3</td> <td>116.6</td> <td>113.1</td> <td>120.1</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>205.8</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>230.2</td> <td>--</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>77.0</td> <td>62.0</td> <td>62.0</td> <td>62.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>62.0</td> <td>62.0</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>1.6</td> <td>1.2</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>1.2</td> <td>1.2</td> </tr> <tr> <td>Marketing month:</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>58</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>32</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>55</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>30</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>41</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:													National Forest 16/	AM	--	--	--	16.0	122.0	133.0	145.0	141.0	18.0	--	--	Bureau of Land Management 16/	AM	--	--	--	--	--	--	--	--	--	--	--	Pasture rent/Lease 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	State land lease	AUM	--	--	--	--	15.8	15.8	15.8	--	--	--	--	Deeded rangeland 17/	AUM	68.6	153.1	184.5	216.5	434.2	294.9	292.9	79.3	116.6	113.1	120.1	Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	205.8	--	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	230.2	--	--	Hay	Ton	77.0	62.0	62.0	62.0	--	--	--	--	--	62.0	62.0	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	1.6	1.2	--	--	--	--	--	--	--	1.2	1.2	Marketing month:													Steer calves	Head	--	--	--	--	--	--	--	--	--	58	--	Heifer calves	Head	--	--	--	--	--	--	--	--	--	32	--	Yearling steers	Head	--	--	--	--	--	--	--	55	--	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	30	--	--	--	Cull cows	Head	--	--	--	--	--	--	--	--	--	41	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																											
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National Forest 16/	AM	--	--	--	16.0	122.0	133.0	145.0	141.0	18.0	--	--																																																																																																																																																																																																																																											
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Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	205.8	--	--	--																																																																																																																																																																																																																																											
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	230.2	--	--																																																																																																																																																																																																																																											
Hay	Ton	77.0	62.0	62.0	62.0	--	--	--	--	--	62.0	62.0																																																																																																																																																																																																																																											
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Protein supplement	Ton	1.6	1.2	--	--	--	--	--	--	--	1.2	1.2																																																																																																																																																																																																																																											
Marketing month:																																																																																																																																																																																																																																																							
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Cull cows	Head	--	--	--	--	--	--	--	--	--	41	--																																																																																																																																																																																																																																											

Table 227--Beef cow enterprises with 400 or more size cows, Washington Okenogan National Forest, North-Central Washington, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																												
Production:							Cash costs--Continued																																																																																																																																																																																																																																																		
Bred cows 1/	Head	573					Protein supplement 5/	Ton	11.7		253.60	2,967	5.18																																																																																																																																																																																																																																												
Annual cow loss	Head	17					Grain	Bu																																																																																																																																																																																																																																																	
Cows culled	Head	117					Miscellaneous	Ton																																																																																																																																																																																																																																																	
Calves born alive	Head	527					Salt and mineral	Cwt	201.0		7.24	1,455	2.54																																																																																																																																																																																																																																												
Calves lost birth to weaning	Head	16					Veterinary & medicine	Dol				1,964	3.43																																																																																																																																																																																																																																												
Steer calves weaned	Head	255					Hired trucking	Dol				3,638	6.35																																																																																																																																																																																																																																												
Sold as weaners	Head	128					Marketing 6/	Dol				1,338	2.34																																																																																																																																																																																																																																												
Lost after weaning	Head	3					General overhead 7/	Dol				7,667	13.38																																																																																																																																																																																																																																												
Sold as yearlings	Head	124					Hired labor	Hrs	3,384.0		4.34	14,687	25.63																																																																																																																																																																																																																																												
Heifer calves weaned	Head	256					Fuel and lubricants	Dol				7,137	12.46																																																																																																																																																																																																																																												
Sold as weaners	Head	71					Repairs	Dol				6,267	10.94																																																																																																																																																																																																																																												
Lost after weaning	Head	3					Taxes 8/	Dol				9,531	16.63																																																																																																																																																																																																																																												
Sold as yearlings	Head	48					Insurance	Dol				2,499	4.36																																																																																																																																																																																																																																												
Kept for herd replacement 2/	Head	134					Interest on operating capital 9/	Dol	45,404.0		0.15	6,811	11.89																																																																																																																																																																																																																																												
Bulls	Head	23					Total cash costs	Dol				110,383	192.64																																																																																																																																																																																																																																												
Sales:							Other costs:																																																																																																																																																																																																																																																		
Steer calves	Head	128	460	65.44	38,531		Family labor 10/	Hrs	2,910.0		4.34	12,629	22.04																																																																																																																																																																																																																																												
Heifer calves	Head	71	450	54.08	17,279		Capital replacement 11/	Dol				15,837	27.64																																																																																																																																																																																																																																												
Yearling steers	Head	124	690	63.50	54,331		Interest on investment other than land 13/	Dol				52,240	91.17																																																																																																																																																																																																																																												
Yearling heifers	Head	48	645	56.56	17,511		Interest on land 13/	Dol				307,094	535.94																																																																																																																																																																																																																																												
Cull cows	Head	117	1,075	35.05	44,084		Total other costs	Dol				387,800	676.79																																																																																																																																																																																																																																												
Total sales	Head				171,736	299.71	Total all costs	Dol				498,183	869.43																																																																																																																																																																																																																																												
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																		
Federal grazing fees 3/	AM	1,304.0		1.86	2,425	4.23	Return above cash costs:	Dol				61,353	107.07																																																																																																																																																																																																																																												
Private pasture lease	AUM						Return above cash costs and family labor	Dol				48,724	85.03																																																																																																																																																																																																																																												
Other pasture lease 4/	AUM						Return to total investment 14/	Dol				32,887	57.39																																																																																																																																																																																																																																												
State land lease	AUM	384.0		4.32	1,659	2.90	Return to land 15/	Dol				-19,353	-33.77																																																																																																																																																																																																																																												
Irrigated pasture	AUM	451.6		4.12	1,861	3.25																																																																																																																																																																																																																																																			
Hay produced	Ton	603.4		32.91	19,858	34.66																																																																																																																																																																																																																																																			
Hay purchased	Ton	258.6		72.00	18,619	32.49																																																																																																																																																																																																																																																			
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td colspan="14">Feed source:</td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td></td> <td></td> <td></td> <td>34.0</td> <td>201.0</td> <td>319.0</td> <td>329.0</td> <td>327.0</td> <td>61.0</td> <td></td> <td></td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td></td> <td></td> <td></td> <td></td> <td>11.0</td> <td>11.0</td> <td>11.0</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td></td> <td></td> <td></td> <td></td> <td>128.0</td> <td>128.0</td> <td>128.0</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>151.4</td> <td>341.2</td> <td>413.5</td> <td>486.5</td> <td>971.6</td> <td>654.3</td> <td>512.8</td> <td>197.4</td> <td>249.1</td> <td>253.2</td> <td>268.2</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>451.6</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>498.5</td> <td></td> <td></td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>172.0</td> <td>138.0</td> <td>138.0</td> <td>138.0</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>138.0</td> <td>138.0</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>3.3</td> <td>2.8</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>2.8</td> <td>2.8</td> </tr> <tr> <td colspan="14">Marketing month:</td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>128.0</td> <td></td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>71.0</td> <td></td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>124.0</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>48.0</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>117.0</td> <td></td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:														National Forest 16/	AM				34.0	201.0	319.0	329.0	327.0	61.0			Bureau of Land Management 16/	AM					11.0	11.0	11.0					Pasture rent/lease 17/	AUM												State land lease	AUM					128.0	128.0	128.0					Deeded rangeland 17/	AUM	151.4	341.2	413.5	486.5	971.6	654.3	512.8	197.4	249.1	253.2	268.2	Irrigated pasture 17/	AUM								451.6				Crop residue 17/	AUM									498.5			Hay	Ton	172.0	138.0	138.0	138.0						138.0	138.0	Grain	Bu												Protein supplement	Ton	3.3	2.8								2.8	2.8	Marketing month:														Steer calves	Head										128.0		Heifer calves	Head										71.0		Yearling steers	Head								124.0				Yearling heifers	Head								48.0				Cull cows	Head										117.0	
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																													
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Irrigated pasture 17/	AUM								451.6																																																																																																																																																																																																																																																
Crop residue 17/	AUM									498.5																																																																																																																																																																																																																																															
Hay	Ton	172.0	138.0	138.0	138.0						138.0	138.0																																																																																																																																																																																																																																													
Grain	Bu																																																																																																																																																																																																																																																								
Protein supplement	Ton	3.3	2.8								2.8	2.8																																																																																																																																																																																																																																													
Marketing month:																																																																																																																																																																																																																																																									
Steer calves	Head										128.0																																																																																																																																																																																																																																														
Heifer calves	Head										71.0																																																																																																																																																																																																																																														
Yearling steers	Head								124.0																																																																																																																																																																																																																																																
Yearling heifers	Head								48.0																																																																																																																																																																																																																																																
Cull cows	Head										117.0																																																																																																																																																																																																																																														

Table 228--Beef cow enterprises with up to 99 cows, Rogue River National Forest, Southwestern Oregon, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																																											
Production:							Cash costs--Continued																																																																																																																																																																																																																																																																	
Bred cows 1/	Head	115	--	--	--	--	Protein supplement 5/	Ton	7.7	--	211.80	1,631	14.18																																																																																																																																																																																																																																																											
Annual cow loss	Head	5	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																																											
Cows culled	Head	12	--	--	--	--	Other feed	Ton	--	--	--	--	--																																																																																																																																																																																																																																																											
Calves born alive	Head	94	--	--	--	--	Salt and mineral	Cwt	40.3	--	6.63	267	2.32																																																																																																																																																																																																																																																											
Calves lost birth to weaning	Head	6	--	--	--	--	Veterinary & medicine	Dol	--	--	--	794	6.90																																																																																																																																																																																																																																																											
Steer calves weaned	Head	44	--	--	--	--	Hired trucking	Dol	--	--	--	238	2.07																																																																																																																																																																																																																																																											
Sold as weaners	Head	2	--	--	--	--	Marketing 6/	Dol	--	--	--	649	5.64																																																																																																																																																																																																																																																											
Lost after weaning	Head	1	--	--	--	--	General overhead 7/	Dol	--	--	--	1,256	10.92																																																																																																																																																																																																																																																											
Sold as yearlings	Head	41	--	--	--	--	Hired labor	Hrs	493.0	--	4.17	2,056	17.88																																																																																																																																																																																																																																																											
Heifer calves weaned	Head	44	--	--	--	--	Fuel and lubricants	Dol	--	--	--	925	8.04																																																																																																																																																																																																																																																											
Sold as weaners	Head	--	--	--	--	--	Repairs	Dol	--	--	--	921	8.01																																																																																																																																																																																																																																																											
Lost after weaning	Head	1	--	--	--	--	Taxes 8/	Dol	--	--	--	1,027	8.93																																																																																																																																																																																																																																																											
Sold as yearlings	Head	26	--	--	--	--	Insurance	Dol	--	--	--	518	4.50																																																																																																																																																																																																																																																											
Kept for herd replacement 2/	Head	17	--	--	--	--	Interest on operating capital 9/	Dol	10,364.4	--	0.15	1,534	13.34																																																																																																																																																																																																																																																											
Bulls	Head	5	--	--	--	--	Total cash costs	Dol	--	--	--	22,942	199.50																																																																																																																																																																																																																																																											
Sales:							Other costs:																																																																																																																																																																																																																																																																	
Steer calves	Head	2	525	63.75	669	--	Family labor 10/	Hrs	1,373.0	--	4.17	5,725	49.78																																																																																																																																																																																																																																																											
Heifer calves	Head	--	--	--	--	--	Capital replacement 11/	Dol	--	--	--	3,320	28.87																																																																																																																																																																																																																																																											
Yearling steers	Head	41	750	59.75	18,373	--	Interest on investment other than land 13/	Dol	--	--	--	10,548	91.72																																																																																																																																																																																																																																																											
Yearling heifers	Head	26	675	56.56	9,926	--	Interest on land 13/	Dol	--	--	--	47,439	412.51																																																																																																																																																																																																																																																											
Cull cows	Head	12	1,000	40.50	4,860	--	Total other costs	Dol	--	--	--	67,032	582.89																																																																																																																																																																																																																																																											
Total sales	Head	--	--	--	33,828	294.16	Total all costs	Dol	--	--	--	89,974	782.38																																																																																																																																																																																																																																																											
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																																	
Federal grazing fees 3/	AM	456.0	--	1.86	848	7.37	Return above cash costs and family labor	Dol	--	--	--	10,886	94.66																																																																																																																																																																																																																																																											
Private pasture lease	AUM	437.7	--	7.70	3,370	29.30	Return to total investment 14/	Dol	--	--	--	1,841	16.01																																																																																																																																																																																																																																																											
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-8,707	-75.71																																																																																																																																																																																																																																																											
State land lease	AUM	--	--	--	--	--																																																																																																																																																																																																																																																																		
Irrigated pasture	AUM	98.2	--	5.05	496	4.31																																																																																																																																																																																																																																																																		
Hay produced	Ton	172.5	--	37.17	6,412	55.76																																																																																																																																																																																																																																																																		
Hay purchased	Ton	--	--	--	--	--																																																																																																																																																																																																																																																																		
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td colspan="14">Feed source:</td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>6.0</td> <td>16.0</td> <td>36.0</td> <td>70.0</td> <td>70.0</td> <td>70.0</td> <td>54.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>29.0</td> <td>41.0</td> <td>44.0</td> <td>13.0</td> <td>7.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>15.1</td> <td>25.5</td> <td>36.1</td> <td>21.3</td> <td>52.2</td> <td>43.7</td> <td>45.4</td> <td>50.1</td> <td>53.4</td> <td>22.4</td> <td>57.4</td> <td>15.1</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>15.1</td> <td>25.5</td> <td>36.1</td> <td>21.3</td> <td>70.6</td> <td>59.1</td> <td>61.4</td> <td>67.8</td> <td>72.2</td> <td>46.6</td> <td>77.5</td> <td>15.1</td> </tr> <tr> <td>Irrigated pasture</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>18.3</td> <td>15.4</td> <td>16.0</td> <td>17.6</td> <td>18.8</td> <td>12.1</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>12.1</td> <td>20.2</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>34.5</td> <td>34.5</td> <td>34.5</td> <td>34.5</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>34.5</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>2.9</td> <td>1.9</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>2.9</td> </tr> <tr> <td colspan="14">Marketing month:</td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>2</td> <td>--</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>41</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>3</td> <td>23</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>12</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:														National Forest 16/	AM	--	--	--	6.0	16.0	36.0	70.0	70.0	70.0	54.0	--	--	Bureau of Land Management 16/	AM	--	--	--	29.0	41.0	44.0	13.0	7.0	--	--	--	--	Pasture rent/lease 17/	AUM	15.1	25.5	36.1	21.3	52.2	43.7	45.4	50.1	53.4	22.4	57.4	15.1	State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--	--	Deeded rangeland 17/	AUM	15.1	25.5	36.1	21.3	70.6	59.1	61.4	67.8	72.2	46.6	77.5	15.1	Irrigated pasture	AUM	--	--	--	--	18.3	15.4	16.0	17.6	18.8	12.1	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	12.1	20.2	--	Hay	Ton	34.5	34.5	34.5	34.5	--	--	--	--	--	--	--	34.5	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	2.9	1.9	--	--	--	--	--	--	--	--	--	2.9	Marketing month:														Steer calves	Head	--	--	--	--	--	--	--	--	--	2	--	--	Heifer calves	Head	--	--	--	--	--	--	--	--	--	--	--	--	Yearling steers	Head	--	--	--	--	--	--	--	--	41	--	--	--	Yearling heifers	Head	--	--	--	--	--	--	3	23	--	--	--	--	Cull cows	Head	--	--	--	--	--	--	12	--	--	--	--	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																																												
Feed source:																																																																																																																																																																																																																																																																								
National Forest 16/	AM	--	--	--	6.0	16.0	36.0	70.0	70.0	70.0	54.0	--	--																																																																																																																																																																																																																																																											
Bureau of Land Management 16/	AM	--	--	--	29.0	41.0	44.0	13.0	7.0	--	--	--	--																																																																																																																																																																																																																																																											
Pasture rent/lease 17/	AUM	15.1	25.5	36.1	21.3	52.2	43.7	45.4	50.1	53.4	22.4	57.4	15.1																																																																																																																																																																																																																																																											
State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																											
Deeded rangeland 17/	AUM	15.1	25.5	36.1	21.3	70.6	59.1	61.4	67.8	72.2	46.6	77.5	15.1																																																																																																																																																																																																																																																											
Irrigated pasture	AUM	--	--	--	--	18.3	15.4	16.0	17.6	18.8	12.1	--	--																																																																																																																																																																																																																																																											
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	12.1	20.2	--																																																																																																																																																																																																																																																											
Hay	Ton	34.5	34.5	34.5	34.5	--	--	--	--	--	--	--	34.5																																																																																																																																																																																																																																																											
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																											
Protein supplement	Ton	2.9	1.9	--	--	--	--	--	--	--	--	--	2.9																																																																																																																																																																																																																																																											
Marketing month:																																																																																																																																																																																																																																																																								
Steer calves	Head	--	--	--	--	--	--	--	--	--	2	--	--																																																																																																																																																																																																																																																											
Heifer calves	Head	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																											
Yearling steers	Head	--	--	--	--	--	--	--	--	41	--	--	--																																																																																																																																																																																																																																																											
Yearling heifers	Head	--	--	--	--	--	--	3	23	--	--	--	--																																																																																																																																																																																																																																																											
Cull cows	Head	--	--	--	--	--	--	12	--	--	--	--	--																																																																																																																																																																																																																																																											

Table 229--Beef cow enterprises with 200 or more cows, Rogue River National Forest, Southwest Oregon, 1982 .

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																										
Production:							Cash costs--Continued:																																																																																																																																																																																																																																																
Bred cows 1/	Head	461	--	--	--	--	Protein supplement 5/	Ton	31.8	--	211.80	6,735	14.61																																																																																																																																																																																																																																										
Annual cow loss	Head	18	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																										
Cows culled	Head	51	--	--	--	--	Other feed	Ton	--	--	--	--	--																																																																																																																																																																																																																																										
Calves born alive	Head	392	--	--	--	--	Salt and mineral	Cwt	161.4	--	6.63	1,070	2.32																																																																																																																																																																																																																																										
Calves lost birth to weaning	Head	24	--	--	--	--	Veterinary & medicine	Dol	--	--	--	3,183	6.90																																																																																																																																																																																																																																										
Steer calves weaned	Head	184	--	--	--	--	Hired trucking	Dol	--	--	--	956	2.07																																																																																																																																																																																																																																										
Sold as weaners	Head	9	--	--	--	--	Marketing 6/	Dol	--	--	--	2,603	5.65																																																																																																																																																																																																																																										
Lost after weaning	Head	3	--	--	--	--	General overhead 7/	Dol	--	--	--	5,035	10.92																																																																																																																																																																																																																																										
Sold as yearlings	Head	172	--	--	--	--	Hired labor	Hrs	5,985.0	--	4.17	24,957	54.14																																																																																																																																																																																																																																										
Heifer calves weaned	Head	184	--	--	--	--	Fuel and lubricants	Dol	--	--	--	6,588	14.29																																																																																																																																																																																																																																										
Sold as weaners	Head	--	--	--	--	--	Repairs	Dol	--	--	--	6,410	13.90																																																																																																																																																																																																																																										
Lost after weaning	Head	4	--	--	--	--	Taxes 8/	Dol	--	--	--	5,374	11.66																																																																																																																																																																																																																																										
Sold as yearlings	Head	111	--	--	--	--	Insurance	Dol	--	--	--	2,091	4.54																																																																																																																																																																																																																																										
Kept for herd replacement 2/	Head	69	--	--	--	--	Interest on operating capital 9/	Dol	48,199.4	--	0.15	7,134	15.48																																																																																																																																																																																																																																										
Bulls	Head	20	--	--	--	--	Total cash costs	Dol	--	--	--	119,589	259.41																																																																																																																																																																																																																																										
Sales:							Other costs:																																																																																																																																																																																																																																																
Steer calves	Head	9	525	63.75	3,012	--	Family labor 10/	Hrs	5,504.0	--	4.17	22,952	49.79																																																																																																																																																																																																																																										
Heifer calves	Head	--	--	--	--	--	Capital replacement 11/	Dol	--	--	--	14,995	32.53																																																																																																																																																																																																																																										
Yearling steers	Head	172	750	59.75	77,078	--	Interest on investment other than land 13/	Dol	--	--	--	43,929	95.29																																																																																																																																																																																																																																										
Yearling heifers	Head	111	675	59.75	44,768	--	Total other costs	Dol	--	--	--	332,504	721.27																																																																																																																																																																																																																																										
Cull cows	Head	51	1,000	40.50	20,655	--	Total all costs	Dol	--	--	--	452,093	980.68																																																																																																																																																																																																																																										
Total sales	Head	--	--	--	145,513	315.64	Return above cash costs and family labor	Dol	--	--	--	2,972	6.44																																																																																																																																																																																																																																										
Cash costs:							Return to total investment 14/																																																																																																																																																																																																																																																
Federal grazing fees 3/	AM	1,148.0	--	1.86	2,135	4.63	Return to land 15/	Dol	--	--	--	-12,023	-26.08																																																																																																																																																																																																																																										
Private pasture lease	AUM	1,460.0	--	7.70	11,242	24.39						-55,952	-121.37																																																																																																																																																																																																																																										
Other pasture lease 4/	AUM	719.1	--	8.10	5,825	12.64																																																																																																																																																																																																																																																	
State land lease	AUM	--	--	--	--	--																																																																																																																																																																																																																																																	
Irrigated pasture	AUM	504.5	--	5.05	2,548	5.53																																																																																																																																																																																																																																																	
Hay produced	Ton	691.5	--	37.17	25,703	55.75																																																																																																																																																																																																																																																	
Hay purchased	Ton	--	--	--	--	--																																																																																																																																																																																																																																																	
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td>Feed source:</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>National Forest 16/</td> <td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>73.0</td><td>175.0</td><td>195.0</td><td>216.0</td><td>103.0</td><td>--</td><td>--</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>--</td><td>--</td><td>--</td><td>34.0</td><td>64.0</td><td>103.0</td><td>104.0</td><td>57.0</td><td>24.0</td><td>--</td><td>--</td><td>--</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>42.1</td><td>70.3</td><td>99.6</td><td>105.9</td><td>197.7</td><td>171.8</td><td>143.4</td><td>157.9</td><td>160.4</td><td>85.1</td><td>183.6</td><td>42.2</td> </tr> <tr> <td>Other pasture lease</td> <td>20.7</td><td>34.6</td><td>49.1</td><td>52.2</td><td>97.4</td><td>84.6</td><td>70.6</td><td>77.8</td><td>79.0</td><td>41.9</td><td>90.4</td><td>20.8</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>62.8</td><td>105.0</td><td>148.7</td><td>158.1</td><td>398.8</td><td>346.5</td><td>289.2</td><td>317.5</td><td>323.5</td><td>264.6</td><td>274.0</td><td>62.8</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>--</td><td>--</td><td>--</td><td>--</td><td>103.7</td><td>90.1</td><td>75.2</td><td>82.6</td><td>84.1</td><td>68.8</td><td>--</td><td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>68.8</td><td>81.9</td><td>--</td> </tr> <tr> <td>Hay</td> <td>138.3</td><td>138.3</td><td>138.3</td><td>138.3</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>138.3</td> </tr> <tr> <td>Grain</td> <td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td> </tr> <tr> <td>Protein supplement</td> <td>11.9</td><td>8.0</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>11.9</td> </tr> <tr> <td>Marketing month:</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>Steer calves</td> <td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>9</td><td>--</td> </tr> <tr> <td>Heifer calves</td> <td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td> </tr> <tr> <td>Yearling steers</td> <td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>172</td><td>--</td><td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>111</td><td>--</td><td>--</td><td>--</td> </tr> <tr> <td>Cull cows</td> <td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>51</td><td>--</td><td>--</td><td>--</td><td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:													National Forest 16/	--	--	--	--	--	73.0	175.0	195.0	216.0	103.0	--	--	Bureau of Land Management 16/	--	--	--	34.0	64.0	103.0	104.0	57.0	24.0	--	--	--	Pasture rent/lease 17/	42.1	70.3	99.6	105.9	197.7	171.8	143.4	157.9	160.4	85.1	183.6	42.2	Other pasture lease	20.7	34.6	49.1	52.2	97.4	84.6	70.6	77.8	79.0	41.9	90.4	20.8	Deeded rangeland 17/	62.8	105.0	148.7	158.1	398.8	346.5	289.2	317.5	323.5	264.6	274.0	62.8	Irrigated pasture 17/	--	--	--	--	103.7	90.1	75.2	82.6	84.1	68.8	--	--	Crop residue 17/	--	--	--	--	--	--	--	--	--	68.8	81.9	--	Hay	138.3	138.3	138.3	138.3	--	--	--	--	--	--	--	138.3	Grain	--	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	11.9	8.0	--	--	--	--	--	--	--	--	--	11.9	Marketing month:													Steer calves	--	--	--	--	--	--	--	--	--	--	9	--	Heifer calves	--	--	--	--	--	--	--	--	--	--	--	--	Yearling steers	--	--	--	--	--	--	--	--	--	172	--	--	Yearling heifers	--	--	--	--	--	--	--	--	111	--	--	--	Cull cows	--	--	--	--	--	--	--	51	--	--	--	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																											
Feed source:																																																																																																																																																																																																																																																							
National Forest 16/	--	--	--	--	--	73.0	175.0	195.0	216.0	103.0	--	--																																																																																																																																																																																																																																											
Bureau of Land Management 16/	--	--	--	34.0	64.0	103.0	104.0	57.0	24.0	--	--	--																																																																																																																																																																																																																																											
Pasture rent/lease 17/	42.1	70.3	99.6	105.9	197.7	171.8	143.4	157.9	160.4	85.1	183.6	42.2																																																																																																																																																																																																																																											
Other pasture lease	20.7	34.6	49.1	52.2	97.4	84.6	70.6	77.8	79.0	41.9	90.4	20.8																																																																																																																																																																																																																																											
Deeded rangeland 17/	62.8	105.0	148.7	158.1	398.8	346.5	289.2	317.5	323.5	264.6	274.0	62.8																																																																																																																																																																																																																																											
Irrigated pasture 17/	--	--	--	--	103.7	90.1	75.2	82.6	84.1	68.8	--	--																																																																																																																																																																																																																																											
Crop residue 17/	--	--	--	--	--	--	--	--	--	68.8	81.9	--																																																																																																																																																																																																																																											
Hay	138.3	138.3	138.3	138.3	--	--	--	--	--	--	--	138.3																																																																																																																																																																																																																																											
Grain	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Protein supplement	11.9	8.0	--	--	--	--	--	--	--	--	--	11.9																																																																																																																																																																																																																																											
Marketing month:																																																																																																																																																																																																																																																							
Steer calves	--	--	--	--	--	--	--	--	--	--	9	--																																																																																																																																																																																																																																											
Heifer calves	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Yearling steers	--	--	--	--	--	--	--	--	--	172	--	--																																																																																																																																																																																																																																											
Yearling heifers	--	--	--	--	--	--	--	--	111	--	--	--																																																																																																																																																																																																																																											
Cull cows	--	--	--	--	--	--	--	51	--	--	--	--																																																																																																																																																																																																																																											

Table 230--Beef cow enterprises with up to 199 cows, Umatilla National Forest, Northeast Oregon, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																										
Production:							Cash costs--Continued																																																																																																																																																																																																																																																
Bred cows 1/	Head	93	--	--	--	--	Protein supplement 5/	Ton	7.9	--	211.80	1,673	17.99																																																																																																																																																																																																																																										
Annual cow loss	Head	2	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																										
Cows culled	Head	9	--	--	--	--	Other feed	Ton	--	--	--	--	--																																																																																																																																																																																																																																										
Calves born alive	Head	85	--	--	--	--	Salt and mineral	Cwt	33.0	--	6.63	219	2.35																																																																																																																																																																																																																																										
Calves lost birth to weaning	Head	4	--	--	--	--	Veterinary & medicine	Dol	--	--	--	700	7.53																																																																																																																																																																																																																																										
Steer calves weaned	Head	40	--	--	--	--	Hired trucking	Dol	--	--	--	366	3.94																																																																																																																																																																																																																																										
Sold as weaners	Head	40	--	--	--	--	Marketing 6/	Dol	--	--	--	237	2.55																																																																																																																																																																																																																																										
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	Dol	--	--	--	1,601	17.22																																																																																																																																																																																																																																										
Sold as yearlings	Head	--	--	--	--	--	Hired labor	Hrs	470.0	--	4.17	1,960	21.07																																																																																																																																																																																																																																										
Heifer calves weaned	Head	41	--	--	--	--	Fuel and lubricants	Dol	--	--	--	2,157	23.19																																																																																																																																																																																																																																										
Sold as weaners	Head	25	--	--	--	--	Repairs	Dol	--	--	--	2,734	29.40																																																																																																																																																																																																																																										
Lost after weaning	Head	--	--	--	--	--	Taxes 8/	Dol	--	--	--	1,133	12.18																																																																																																																																																																																																																																										
Sold as yearlings	Head	5	--	--	--	--	Insurance	Dol	--	--	--	502	5.40																																																																																																																																																																																																																																										
Kept for herd replacement 2/	Head	11	--	--	--	--	Interest on operating capital 9/	Dol	11,331.0	--	0.15	1,677	18.03																																																																																																																																																																																																																																										
Bulls	Head	5	--	--	--	--	Total cash costs	Dol	--	--	--	21,464	230.80																																																																																																																																																																																																																																										
Sales:							Other costs:																																																																																																																																																																																																																																																
Steer calves	Head	40	475	65.44	12,434	--	Family labor 10/	Hrs	1,409.0	--	4.17	5,876	63.18																																																																																																																																																																																																																																										
Heifer calves	Head	25	425	54.08	5,746	--	Capital replacement 11/	Dol	--	--	--	5,720	61.51																																																																																																																																																																																																																																										
Yearling steers	Head	--	--	--	--	--	Interest on investment other than land 13/	Dol	--	--	--	11,069	119.02																																																																																																																																																																																																																																										
Yearling heifers	Head	5	725	52.12	1,889	--	Interest on land 13/	Dol	--	--	--	45,178	485.78																																																																																																																																																																																																																																										
Cull cows	Head	9	950	35.05	2,997	--	Total other costs	Dol	--	--	--	67,843	729.49																																																																																																																																																																																																																																										
Total sales	Head	--	--	--	23,066	248.02	Total all costs	Dol	--	--	--	89,307	960.29																																																																																																																																																																																																																																										
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																
Federal grazing fees 3/	AM	192.0	--	1.86	357	3.84	Return above cash costs and family labor	Dol	--	--	--	1,602	17.23																																																																																																																																																																																																																																										
Private pasture lease 4/	AUM	92.0	--	7.70	708	7.61	Return to total investment 14/	Dol	--	--	--	-9,994	-107.46																																																																																																																																																																																																																																										
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-21,063	-226.48																																																																																																																																																																																																																																										
State land lease	AUM	--	--	--	--	--																																																																																																																																																																																																																																																	
Irrigated pasture	AUM	--	--	--	--	--																																																																																																																																																																																																																																																	
Hay produced	Ton	64.8	--	37.17	2,409	25.90																																																																																																																																																																																																																																																	
Hay purchased	Ton	43.3	--	70.00	3,031	32.59																																																																																																																																																																																																																																																	
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td>Feed source:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>48.0</td> <td>48.0</td> <td>48.0</td> <td>48.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>20.0</td> <td>20.0</td> <td>13.0</td> <td>13.0</td> <td>13.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>116.0</td> <td>126.0</td> <td>71.8</td> <td>73.8</td> <td>74.8</td> <td>136.0</td> <td>55.0</td> <td>--</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>50.0</td> <td>53.0</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>28.5</td> <td>31.2</td> <td>34.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>14.4</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>2.1</td> <td>2.3</td> <td>2.5</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>1.0</td> </tr> <tr> <td>Marketing month:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>40</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>25</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>5</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>9</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:													National Forest 16/	AM	--	--	--	--	48.0	48.0	48.0	48.0	--	--	--	Bureau of Land Management 16/	AM	--	--	--	--	--	--	--	--	--	--	--	Pasture rent/lease 17/	AUM	--	--	--	20.0	20.0	13.0	13.0	13.0	--	--	--	State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--	Deeded rangeland 17/	AUM	--	--	--	116.0	126.0	71.8	73.8	74.8	136.0	55.0	--	Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	50.0	53.0	Hay	Ton	28.5	31.2	34.0	--	--	--	--	--	--	--	14.4	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	2.1	2.3	2.5	--	--	--	--	--	--	--	1.0	Marketing month:													Steer calves	Head	--	--	--	--	--	--	--	--	--	40	--	Heifer calves	Head	--	--	--	--	--	--	--	--	--	25	--	Yearling steers	Head	--	--	--	--	--	--	--	--	--	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	--	--	5	--	Cull cows	Head	--	--	--	--	--	--	--	--	--	9	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																											
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Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	50.0	53.0																																																																																																																																																																																																																																											
Hay	Ton	28.5	31.2	34.0	--	--	--	--	--	--	--	14.4																																																																																																																																																																																																																																											
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Protein supplement	Ton	2.1	2.3	2.5	--	--	--	--	--	--	--	1.0																																																																																																																																																																																																																																											
Marketing month:																																																																																																																																																																																																																																																							
Steer calves	Head	--	--	--	--	--	--	--	--	--	40	--																																																																																																																																																																																																																																											
Heifer calves	Head	--	--	--	--	--	--	--	--	--	25	--																																																																																																																																																																																																																																											
Yearling steers	Head	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Yearling heifers	Head	--	--	--	--	--	--	--	--	--	5	--																																																																																																																																																																																																																																											
Cull cows	Head	--	--	--	--	--	--	--	--	--	9	--																																																																																																																																																																																																																																											

Table 231--Beef cow enterprises with 200-499 cows, Umatilla National Forest, Northeast Oregon, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																										
Production:							Cash costs--Continued																																																																																																																																																																																																																																																
Bred cows 1/	Head	321	--	--	--	--	Protein supplement 5/	Ton	14.6	--	211.80	3,092	9.63																																																																																																																																																																																																																																										
Annual cow loss	Head	6	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																										
Cows culled	Head	16	--	--	--	--	Other feed	Ton	--	--	--	--	--																																																																																																																																																																																																																																										
Calves born alive	Head	286	--	--	--	--	Salt and mineral	Cwt	112.0	--	6.63	743	2.31																																																																																																																																																																																																																																										
Calves lost birth to weaning	Head	14	--	--	--	--	Veterinary & medicine	Dol	--	--	--	2,054	6.40																																																																																																																																																																																																																																										
Steer calves weaned	Head	136	--	--	--	--	Hired trucking	Dol	--	--	--	963	3.00																																																																																																																																																																																																																																										
Sold as weaners	Head	95	--	--	--	--	Marketing 6/	Dol	--	--	--	624	1.94																																																																																																																																																																																																																																										
Lost after weaning	Head	1	--	--	--	--	General overhead 7/	Dol	--	--	--	3,997	12.45																																																																																																																																																																																																																																										
Sold as yearlings	Head	40	--	--	--	--	Hired labor	Hrs	1,589.0	--	4.17	6,626	20.64																																																																																																																																																																																																																																										
Heifer calves weaned	Head	136	--	--	--	--	Fuel and lubricants	Dol	--	--	--	3,799	11.83																																																																																																																																																																																																																																										
Sold as weaners	Head	39	--	--	--	--	Repairs	Dol	--	--	--	2,839	8.84																																																																																																																																																																																																																																										
Lost after weaning	Head	2	--	--	--	--	Taxes 8/	Dol	--	--	--	3,603	11.22																																																																																																																																																																																																																																										
Sold as yearlings	Head	73	--	--	--	--	Insurance	Dol	--	--	--	1,490	4.64																																																																																																																																																																																																																																										
Kept for herd replacement 2/	Head	22	--	--	--	--	Interest on operating capital 9/	Dol	28,876.8	--	0.15	4,274	13.31																																																																																																																																																																																																																																										
Bulls	Head	16	--	--	--	--	Total cash costs	Dol	--	--	--	59,533	185.46																																																																																																																																																																																																																																										
Sales:							Other costs:																																																																																																																																																																																																																																																
Steer calves	Head	95	475	65.44	29,530	--	Family labor 10/	Hrs	1,509.0	--	4.17	6,293	19.60																																																																																																																																																																																																																																										
Heifer calves	Head	39	430	54.08	9,069	--	Capital replacement 11/	Dol	--	--	--	9,759	30.40																																																																																																																																																																																																																																										
Yearling steers	Head	40	775	62.00	19,220	--	Interest on investment other than land 13/	Dol	--	--	--	29,049	90.50																																																																																																																																																																																																																																										
Yearling heifers	Head	73	725	56.56	29,934	--	Interest on land 13/	Dol	--	--	--	172,970	538.85																																																																																																																																																																																																																																										
Cull cows	Head	16	950	39.85	6,057	--	Total other costs	Dol	--	--	--	218,071	679.35																																																																																																																																																																																																																																										
Total sales	Head	--	--	--	93,810	292.24	Total all costs	Dol	--	--	--	277,604	864.81																																																																																																																																																																																																																																										
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																
Federal grazing fees 3/	AM	585.0	--	1.86	1,088	3.39	Return above cash costs and family labor	Dol	--	--	--	34,277	106.78																																																																																																																																																																																																																																										
Private pasture lease 4/	AUM	326.0	--	7.70	2,510	7.82	Return to total investment 14/	Dol	--	--	--	18,225	56.78																																																																																																																																																																																																																																										
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-10,824	-33.72																																																																																																																																																																																																																																										
State land lease	AUM	--	--	--	--	--																																																																																																																																																																																																																																																	
Irrigated pasture	AUM	--	--	--	--	--																																																																																																																																																																																																																																																	
Hay produced	Ton	260.4	--	37.17	9,679	30.15																																																																																																																																																																																																																																																	
Hay purchased	Ton	173.6	--	70.00	12,152	37.86																																																																																																																																																																																																																																																	
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td>Feed source:</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>126.0</td> <td>150.0</td> <td>147.0</td> <td>140.0</td> <td>22.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>51.0</td> <td>55.0</td> <td>55.0</td> <td>55.0</td> <td>55.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>462.0</td> <td>497.0</td> <td>350.2</td> <td>328.6</td> <td>339.0</td> <td>336.1</td> <td>438.3</td> <td>195.0</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>201.0</td> <td>201.0</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>115.0</td> <td>126.1</td> <td>135.2</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>57.7</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>3.8</td> <td>4.2</td> <td>4.68</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>1.9</td> </tr> <tr> <td>Marketing month:</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>95</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>39</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>40</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>69</td> <td>--</td> <td>--</td> <td>4</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>16</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:													National Forest 16/	AM	--	--	--	--	126.0	150.0	147.0	140.0	22.0	--	--	Bureau of Land Management 16/	AM	--	--	--	--	--	--	--	--	--	--	--	Pasture rent/lease 17/	AUM	--	--	--	51.0	55.0	55.0	55.0	55.0	--	--	--	State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--	Deeded rangeland 17/	AUM	--	--	--	462.0	497.0	350.2	328.6	339.0	336.1	438.3	195.0	Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	201.0	201.0	Hay	Ton	115.0	126.1	135.2	--	--	--	--	--	--	--	57.7	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	3.8	4.2	4.68	--	--	--	--	--	--	--	1.9	Marketing month:													Steer calves	Head	--	--	--	--	--	--	--	--	--	95	--	Heifer calves	Head	--	--	--	--	--	--	--	--	--	39	--	Yearling steers	Head	--	--	--	--	--	--	--	40	--	--	--	Yearling heifers	Head	--	--	--	--	--	--	69	--	--	4	--	Cull cows	Head	--	--	--	--	--	--	--	--	--	16	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																											
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Protein supplement	Ton	3.8	4.2	4.68	--	--	--	--	--	--	--	1.9																																																																																																																																																																																																																																											
Marketing month:																																																																																																																																																																																																																																																							
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Heifer calves	Head	--	--	--	--	--	--	--	--	--	39	--																																																																																																																																																																																																																																											
Yearling steers	Head	--	--	--	--	--	--	--	40	--	--	--																																																																																																																																																																																																																																											
Yearling heifers	Head	--	--	--	--	--	--	69	--	--	4	--																																																																																																																																																																																																																																											
Cull cows	Head	--	--	--	--	--	--	--	--	--	16	--																																																																																																																																																																																																																																											

Table 232--Beef cow enterprises with 500 or more cows, Umatilla National Forest, Northeast Oregon, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																										
Production:							Cash costs--Continued:																																																																																																																																																																																																																																																
Bred cows 1/	Head	904	--	--	--	--	Protein supplement 5/	Ton	43.2	--	211.80	9,150	10.12																																																																																																																																																																																																																																										
Annual cow loss	Head	27	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																										
Cows culled	Head	79	--	--	--	--	Other feed	Ton	--	--	--	--	--																																																																																																																																																																																																																																										
Calves born alive	Head	796	--	--	--	--	Salt and mineral	Cwt	360.4	--	6.63	2,389	2.64																																																																																																																																																																																																																																										
Calves lost birth to weaning	Head	48	--	--	--	--	Veterinary & medicine	Dol	--	--	--	1,211	1.34																																																																																																																																																																																																																																										
Steer calves weaned	Head	374	--	--	--	--	Hired trucking	Dol	--	--	--	--	--																																																																																																																																																																																																																																										
Sold as weaners	Head	262	--	--	--	--	Marketing 6/	Dol	--	--	--	998	1.10																																																																																																																																																																																																																																										
Lost after weaning	Head	2	--	--	--	--	General overhead 7/	Dol	--	--	--	12,094	13.38																																																																																																																																																																																																																																										
Sold as yearlings	Head	110	--	--	--	--	Hired labor	Hrs	2,123.0	--	4.17	8,853	9.79																																																																																																																																																																																																																																										
Heifer calves weaned	Head	374	--	--	--	--	Fuel and lubricants	Dol	--	--	--	13,465	14.89																																																																																																																																																																																																																																										
Sold as weaners	Head	106	--	--	--	--	Repairs	Dol	--	--	--	13,867	15.34																																																																																																																																																																																																																																										
Lost after weaning	Head	6	--	--	--	--	Taxes 8/	Dol	--	--	--	9,981	11.04																																																																																																																																																																																																																																										
Sold as yearlings	Head	156	--	--	--	--	Insurance	Dol	--	--	--	4,866	5.38																																																																																																																																																																																																																																										
Kept for herd replacement 2/	Head	106	--	--	--	--	Interest on operating capital 9/	Dol	78,734.6	--	0.15	11,653	12.89																																																																																																																																																																																																																																										
Bulls	Head	45	--	--	--	--	Total cash costs	Dol	--	--	--	166,277	183.92																																																																																																																																																																																																																																										
Sales:							Other costs:																																																																																																																																																																																																																																																
Steer calves	Head	262	475	65.44	81,440	--	Family labor 10/	Hrs	4,309.0	--	4.17	17,969	19.88																																																																																																																																																																																																																																										
Heifer calves	Head	106	425	54.08	24,363	--	Capital replacement 11/	Dol	--	--	--	31,645	35.01																																																																																																																																																																																																																																										
Yearling steers	Head	110	775	62.00	52,855	--	Interest on investment other than land 13/	Dol	--	--	--	451,614	499.57																																																																																																																																																																																																																																										
Yearling heifers	Head	156	730	56.56	64,411	--	Total other costs	Dol	--	--	--	600,788	664.59																																																																																																																																																																																																																																										
Cull cows	Head	79	950	35.05	26,305	--	Total all costs	Dol	--	--	--	767,065	848.52																																																																																																																																																																																																																																										
Total sales	Head	--	--	--	249,374	275.86:	Return above cash costs and family labor	Dol	--	--	--	83,097	91.92																																																																																																																																																																																																																																										
Cash costs:							Return to land 15/																																																																																																																																																																																																																																																
Federal grazing fees 3/	AM	843.0	--	1.86	1,568	1.73:	Return to total investment 14/	Dol	--	--	--	33,483	37.04																																																																																																																																																																																																																																										
Private pasture lease	AUM	1,903.0	--	7.70	14,653	16.21:	Return to land 15/	Dol	--	--	--	-66,077	-73.09																																																																																																																																																																																																																																										
Other pasture lease 4/	AUM	--	--	--	--	0.49:																																																																																																																																																																																																																																																	
State land lease	AUM	285.0	--	1.56	445	0.49:																																																																																																																																																																																																																																																	
Irrigated pasture	AUM	--	--	--	--	--																																																																																																																																																																																																																																																	
Hay produced	Ton	730.0	--	37.17	27,134	30.02:																																																																																																																																																																																																																																																	
Hay purchased	Ton	485.0	--	70.00	33,950	37.56:																																																																																																																																																																																																																																																	
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td>Feed source:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>175.0</td> <td>210.0</td> <td>222.0</td> <td>216.0</td> <td>20.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Pasture rent/Lease 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>250.0</td> <td>310.0</td> <td>332.0</td> <td>339.0</td> <td>343.0</td> <td>329.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>38.0</td> <td>46.0</td> <td>50.0</td> <td>51.0</td> <td>51.0</td> <td>49.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>1,152.0</td> <td>1,194.0</td> <td>1,018.0</td> <td>996.0</td> <td>993.0</td> <td>966.0</td> <td>1,294.0</td> <td>712.0</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>400.0</td> <td>565.0</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>323.0</td> <td>356.0</td> <td>383.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>153.0</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>10.8</td> <td>10.8</td> <td>10.8</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>10.8</td> </tr> <tr> <td>Marketing month:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>262</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>106</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>110</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>133</td> <td>--</td> <td>23</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>79</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:													National Forest 16/	AM	--	--	--	--	175.0	210.0	222.0	216.0	20.0	--	--	Bureau of Land Management 16/	AM	--	--	--	--	--	--	--	--	--	--	--	Pasture rent/Lease 17/	AUM	--	--	--	250.0	310.0	332.0	339.0	343.0	329.0	--	--	State land lease	AUM	--	--	--	38.0	46.0	50.0	51.0	51.0	49.0	--	--	Deeded rangeland 17/	AUM	--	--	--	1,152.0	1,194.0	1,018.0	996.0	993.0	966.0	1,294.0	712.0	Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	400.0	565.0	Hay	Ton	323.0	356.0	383.0	--	--	--	--	--	--	--	153.0	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	10.8	10.8	10.8	--	--	--	--	--	--	--	10.8	Marketing month:													Steer calves	Head	--	--	--	--	--	--	--	--	--	262	--	Heifer calves	Head	--	--	--	--	--	--	--	--	--	106	--	Yearling steers	Head	--	--	--	--	--	--	--	110	--	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	133	--	23	--	Cull cows	Head	--	--	--	--	--	--	--	--	--	79	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																											
Feed source:																																																																																																																																																																																																																																																							
National Forest 16/	AM	--	--	--	--	175.0	210.0	222.0	216.0	20.0	--	--																																																																																																																																																																																																																																											
Bureau of Land Management 16/	AM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Pasture rent/Lease 17/	AUM	--	--	--	250.0	310.0	332.0	339.0	343.0	329.0	--	--																																																																																																																																																																																																																																											
State land lease	AUM	--	--	--	38.0	46.0	50.0	51.0	51.0	49.0	--	--																																																																																																																																																																																																																																											
Deeded rangeland 17/	AUM	--	--	--	1,152.0	1,194.0	1,018.0	996.0	993.0	966.0	1,294.0	712.0																																																																																																																																																																																																																																											
Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	400.0	565.0																																																																																																																																																																																																																																											
Hay	Ton	323.0	356.0	383.0	--	--	--	--	--	--	--	153.0																																																																																																																																																																																																																																											
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Protein supplement	Ton	10.8	10.8	10.8	--	--	--	--	--	--	--	10.8																																																																																																																																																																																																																																											
Marketing month:																																																																																																																																																																																																																																																							
Steer calves	Head	--	--	--	--	--	--	--	--	--	262	--																																																																																																																																																																																																																																											
Heifer calves	Head	--	--	--	--	--	--	--	--	--	106	--																																																																																																																																																																																																																																											
Yearling steers	Head	--	--	--	--	--	--	--	110	--	--	--																																																																																																																																																																																																																																											
Yearling heifers	Head	--	--	--	--	--	--	--	133	--	23	--																																																																																																																																																																																																																																											
Cull cows	Head	--	--	--	--	--	--	--	--	--	79	--																																																																																																																																																																																																																																											

Table 234--Beef cow enterprises with 0-199 cows, Forest Service Wenatchee National Forest, Central Washington, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																										
Production:							Cash costs--Continued																																																																																																																																																																																																																																																
Bred cows <u>1/</u>	Head	120	--	--	--	--	Protein supplement <u>5/</u>	Ton	8.1	--	253.6	2,054	17.12																																																																																																																																																																																																																																										
Annual cow loss	Head	6	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																										
Cows culled	Head	12	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--																																																																																																																																																																																																																																										
Calves born alive	Head	109	--	--	--	--	Salt and mineral	Cwt	42.0	--	7.24	304	2.53																																																																																																																																																																																																																																										
Calves lost birth to weaning	Head	5	--	--	--	--	Veterinary & medicine	Dol	--	--	--	1,086	9.05																																																																																																																																																																																																																																										
Steer calves weaned	Head	52	--	--	--	--	Hired trucking	Dol	--	--	--	218	1.82																																																																																																																																																																																																																																										
Sold as weaners	Head	27	--	--	--	--	Marketing <u>6/</u>	Dol	--	--	--	672	5.60																																																																																																																																																																																																																																										
Lost after weaning	Head	--	--	--	--	--	General overhead <u>7/</u>	Dol	--	--	--	1,750	14.58																																																																																																																																																																																																																																										
Sold as yearlings	Head	25	--	--	--	--	Hired labor	Hrs	238.0	--	4.34	1,033	8.61																																																																																																																																																																																																																																										
Heifer calves weaned	Head	52	--	--	--	--	Fuel and lubricants	Dol	--	--	--	2,504	20.87																																																																																																																																																																																																																																										
Sold as weaners	Head	12	--	--	--	--	Repairs	Dol	--	--	--	2,199	18.33																																																																																																																																																																																																																																										
Lost after weaning	Head	--	--	--	--	--	Taxes <u>8/</u>	Dol	--	--	--	2,087	17.39																																																																																																																																																																																																																																										
Sold as yearlings	Head	22	--	--	--	--	Insurance	Dol	--	--	--	577	4.81																																																																																																																																																																																																																																										
Kept for herd replacement <u>2/</u>	Head	18	--	--	--	--	Interest on operating capital <u>9/</u>	Dol	12,810.9	--	0.15	1,896	15.80																																																																																																																																																																																																																																										
Bulls	Head	5	--	--	--	--	Total cash costs	Dol	--	--	--	26,638	221.98																																																																																																																																																																																																																																										
Sales:							Other costs:																																																																																																																																																																																																																																																
Steer calves	Head	27	560	63.75	9,639	--	Family labor <u>10/</u>	Hrs	2,400.0	--	4.34	10,416	86.80																																																																																																																																																																																																																																										
Heifer calves	Head	12	467	54.08	3,031	--	Capital replacement <u>11/</u>	Dol	--	--	--	5,170	43.08																																																																																																																																																																																																																																										
Yearling steers	Head	25	738	61.12	11,277	--	Interest on investment other than land <u>13/</u>	Dol	--	--	--	12,196	101.63																																																																																																																																																																																																																																										
Yearling heifers	Head	22	688	54.33	8,223	--	Interest on land <u>13/</u>	Dol	--	--	--	62,992	524.93																																																																																																																																																																																																																																										
Cull cows	Head	12	1,040	34.20	4,268	--	Total other costs	Dol	--	--	--	90,774	756.45																																																																																																																																																																																																																																										
Total sales	Head	--	--	--	36,438	303.65	Total all costs	Dol	--	--	--	117,412	978.43																																																																																																																																																																																																																																										
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																
Federal grazing fees <u>3/</u>	AM	275.0	--	1.86	512	4.27	Return above cash costs: and family labor	Dol	--	--	--	9,800	81.67																																																																																																																																																																																																																																										
Private pasture lease	AUM	312.1	--	6.67	2,082	17.35	Return above cash costs:	Dol	--	--	--	--	--																																																																																																																																																																																																																																										
Other pasture lease <u>4/</u>	AUM	--	--	--	--	--	Return to total investment <u>14/</u>	Dol	--	--	--	--	--																																																																																																																																																																																																																																										
State land lease	AUM	27.6	--	4.32	119	.99	Return to land <u>15/</u>	Dol	--	--	--	-5,786	-48.22																																																																																																																																																																																																																																										
Irrigated pasture	AUM	44.0	--	4.12	181	1.51		Dol	--	--	--	-17,982	-149.85																																																																																																																																																																																																																																										
Hay produced	Ton	188.1	--	32.91	6,190	51.58																																																																																																																																																																																																																																																	
Hay purchased	Ton	16.3	--	72.0	1,174	9.78																																																																																																																																																																																																																																																	
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td>Feed source:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>National Forest <u>16/</u></td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>2.0</td> <td>12.0</td> <td>42.0</td> <td>60.0</td> <td>62.0</td> <td>62.0</td> <td>6.0</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management <u>16/</u></td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>5.0</td> <td>6.0</td> <td>6.0</td> <td>6.0</td> <td>6.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Pasture rent/lease <u>17/</u></td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>19.5</td> <td>44.5</td> <td>36.8</td> <td>32.1</td> <td>32.1</td> <td>31.6</td> <td>41.8</td> <td>37.2</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>1.2</td> <td>4.3</td> <td>4.6</td> <td>4.7</td> <td>4.8</td> <td>4.6</td> <td>3.4</td> <td>--</td> </tr> <tr> <td>Deeded rangeland <u>17/</u></td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>60.7</td> <td>141.0</td> <td>116.5</td> <td>101.8</td> <td>101.8</td> <td>99.9</td> <td>78.5</td> <td>17.9</td> </tr> <tr> <td>Irrigated pasture <u>17/</u></td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>21.2</td> <td>--</td> </tr> <tr> <td>Crop residue <u>17/</u></td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>20.9</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>46.5</td> <td>47.2</td> <td>50.7</td> <td>30.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>30.0</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>--</td> <td>2.7</td> <td>2.7</td> <td>2.7</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Marketing month:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>27.0</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>12.0</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>25.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>18.0</td> <td>--</td> <td>--</td> <td>--</td> <td>4.0</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>12.0</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:													National Forest <u>16/</u>	AM	--	--	--	2.0	12.0	42.0	60.0	62.0	62.0	6.0	--	Bureau of Land Management <u>16/</u>	AM	--	--	--	--	5.0	6.0	6.0	6.0	6.0	--	--	Pasture rent/lease <u>17/</u>	AUM	--	--	--	19.5	44.5	36.8	32.1	32.1	31.6	41.8	37.2	State land lease	AUM	--	--	--	1.2	4.3	4.6	4.7	4.8	4.6	3.4	--	Deeded rangeland <u>17/</u>	AUM	--	--	--	60.7	141.0	116.5	101.8	101.8	99.9	78.5	17.9	Irrigated pasture <u>17/</u>	AUM	--	--	--	--	--	--	--	--	--	21.2	--	Crop residue <u>17/</u>	AUM	--	--	--	--	--	--	--	--	--	20.9	--	Hay	Ton	46.5	47.2	50.7	30.0	--	--	--	--	--	--	30.0	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	--	2.7	2.7	2.7	--	--	--	--	--	--	--	Marketing month:													Steer calves	Head	--	--	--	--	--	--	--	--	--	27.0	--	Heifer calves	Head	--	--	--	--	--	--	--	--	--	12.0	--	Yearling steers	Head	--	--	--	--	--	25.0	--	--	--	--	--	Yearling heifers	Head	--	--	--	--	--	18.0	--	--	--	4.0	--	Cull cows	Head	--	--	--	--	--	--	--	--	--	12.0	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																											
Feed source:																																																																																																																																																																																																																																																							
National Forest <u>16/</u>	AM	--	--	--	2.0	12.0	42.0	60.0	62.0	62.0	6.0	--																																																																																																																																																																																																																																											
Bureau of Land Management <u>16/</u>	AM	--	--	--	--	5.0	6.0	6.0	6.0	6.0	--	--																																																																																																																																																																																																																																											
Pasture rent/lease <u>17/</u>	AUM	--	--	--	19.5	44.5	36.8	32.1	32.1	31.6	41.8	37.2																																																																																																																																																																																																																																											
State land lease	AUM	--	--	--	1.2	4.3	4.6	4.7	4.8	4.6	3.4	--																																																																																																																																																																																																																																											
Deeded rangeland <u>17/</u>	AUM	--	--	--	60.7	141.0	116.5	101.8	101.8	99.9	78.5	17.9																																																																																																																																																																																																																																											
Irrigated pasture <u>17/</u>	AUM	--	--	--	--	--	--	--	--	--	21.2	--																																																																																																																																																																																																																																											
Crop residue <u>17/</u>	AUM	--	--	--	--	--	--	--	--	--	20.9	--																																																																																																																																																																																																																																											
Hay	Ton	46.5	47.2	50.7	30.0	--	--	--	--	--	--	30.0																																																																																																																																																																																																																																											
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Protein supplement	Ton	--	2.7	2.7	2.7	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Marketing month:																																																																																																																																																																																																																																																							
Steer calves	Head	--	--	--	--	--	--	--	--	--	27.0	--																																																																																																																																																																																																																																											
Heifer calves	Head	--	--	--	--	--	--	--	--	--	12.0	--																																																																																																																																																																																																																																											
Yearling steers	Head	--	--	--	--	--	25.0	--	--	--	--	--																																																																																																																																																																																																																																											
Yearling heifers	Head	--	--	--	--	--	18.0	--	--	--	4.0	--																																																																																																																																																																																																																																											
Cull cows	Head	--	--	--	--	--	--	--	--	--	12.0	--																																																																																																																																																																																																																																											

Table 235--Beef cow enterprises with 200 or more cows, Wenatchee National Forest, Central Washington, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																										
Production:							Cash costs--Continued																																																																																																																																																																																																																																																
Bred cows 1/	Head	626	--	--	--	--	Protein supplement 5/	Ton	42.3	--	253.60	10,727	17.14																																																																																																																																																																																																																																										
Annual cow loss	Head	31	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																										
Cows culled	Head	63	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--																																																																																																																																																																																																																																										
Calves born alive	Head	570	--	--	--	--	Salt and mineral	Cwt	219.0	--	7.24	1,586	2.53																																																																																																																																																																																																																																										
Calves lost birth to weaning	Head	28	--	--	--	--	Veterinary & medicine	Dol	--	--	--	4,309	6.88																																																																																																																																																																																																																																										
Steer calves weaned	Head	271	--	--	--	--	Hired trucking	Dol	--	--	--	1,785	2.85																																																																																																																																																																																																																																										
Sold as weaners	Head	141	--	--	--	--	Marketing 6/	Dol	--	--	--	1,618	2.58																																																																																																																																																																																																																																										
Lost after weaning	Head	3	--	--	--	--	General overhead 7/	Dol	--	--	--	8,374	13.38																																																																																																																																																																																																																																										
Sold as yearlings	Head	127	--	--	--	--	Hired labor	Hrs	3,061.0	--	4.34	12,285	21.22																																																																																																																																																																																																																																										
Heifer calves weaned	Head	271	--	--	--	--	Fuel and lubricants	Dol	--	--	--	6,337	10.12																																																																																																																																																																																																																																										
Sold as weaners	Head	63	--	--	--	--	Repairs	Dol	--	--	--	7,013	11.20																																																																																																																																																																																																																																										
Lost after weaning	Head	4	--	--	--	--	Taxes 8/	Dol	--	--	--	9,014	14.40																																																																																																																																																																																																																																										
Sold as yearlings	Head	110	--	--	--	--	Insurance	Dol	--	--	--	2,657	4.24																																																																																																																																																																																																																																										
Kept for herd replacement 2/	Head	94	--	--	--	--	Interest on operating capital 9/	Dol	52,936.09	--	0.15	7,835	12.52																																																																																																																																																																																																																																										
Bulls	Head	24	--	--	--	--	Total cash costs	Dol	--	--	--	121,427	193.97																																																																																																																																																																																																																																										
Sales:							Other costs:																																																																																																																																																																																																																																																
Steer calves	Head	141	560	63.75	50,337	--	Family labor 10/	Hrs	2,266.0	--	4.34	9,834	15.71																																																																																																																																																																																																																																										
Heifer calves	Head	63	467	54.08	15,911	--	Capital replacement 11/	Dol	--	--	--	16,741	26.74																																																																																																																																																																																																																																										
Yearling steers	Head	127	738	61.12	57,285	--	Interest on investment other than land 13/	Dol	--	--	--	55,795	89.13																																																																																																																																																																																																																																										
Yearling heifers	Head	110	688	54.33	41,117	--	Interest on land 13/	Dol	--	--	--	285,576	456.19																																																																																																																																																																																																																																										
Cull cows	Head	63	1,040	34.20	22,408	--	Total other costs	Dol	--	--	--	367,946	587.77																																																																																																																																																																																																																																										
Total sales	Head	--	--	--	187,058	298.81	Total all costs	Dol	--	--	--	489,373	781.75																																																																																																																																																																																																																																										
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																
Federal grazing fees 3/	AM	293.0	--	1.86	545	0.87	and family labor	Dol	--	--	--	55,797	89.13																																																																																																																																																																																																																																										
Private pasture lease	AUM	2,131.2	--	6.67	14,215	22.71	Return to total investment 14/	Dol	--	--	--	39,056	62.39																																																																																																																																																																																																																																										
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-16,739	-26.74																																																																																																																																																																																																																																										
State land lease	AUM	189.9	--	4.32	820	1.31																																																																																																																																																																																																																																																	
Irrigated pasture	AUM	149.8	--	4.12	617	0.99																																																																																																																																																																																																																																																	
Hay produced	Ton	809.1	--	32.91	26,628	42.54																																																																																																																																																																																																																																																	
Hay purchased	Ton	70.3	--	72.00	5,062	8.09																																																																																																																																																																																																																																																	
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td>Feed source:</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>National Forest 16/</td> <td>--</td><td>--</td><td>--</td><td>--</td><td>4.0</td><td>25.0</td><td>75.0</td><td>86.0</td><td>85.0</td><td>9.0</td><td>--</td><td>--</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>--</td><td>--</td><td>--</td><td>--</td><td>1.0</td><td>2.0</td><td>2.0</td><td>2.0</td><td>2.0</td><td>--</td><td>--</td><td>--</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>--</td><td>--</td><td>--</td><td>242.3</td><td>259.2</td><td>270.2</td><td>260.7</td><td>260.6</td><td>252.1</td><td>210.1</td><td>186.0</td><td>190.0</td> </tr> <tr> <td>State land lease</td> <td>--</td><td>--</td><td>--</td><td>20.6</td><td>22.2</td><td>23.8</td><td>24.5</td><td>24.8</td><td>23.9</td><td>18.1</td><td>15.8</td><td>16.2</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>--</td><td>--</td><td>--</td><td>172.8</td><td>820.8</td><td>855.6</td><td>825.4</td><td>825.1</td><td>798.2</td><td>665.4</td><td>420.1</td><td>--</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>74.1</td><td>75.7</td> </tr> <tr> <td>Crop residue 17/</td> <td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>94.9</td><td>97.0</td> </tr> <tr> <td>Hay</td> <td>242.6</td><td>244.7</td><td>263.2</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>128.9</td> </tr> <tr> <td>Grain</td> <td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td> </tr> <tr> <td>Protein supplement</td> <td>--</td><td>14.1</td><td>14.1</td><td>14.1</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td> </tr> <tr> <td>Marketing month:</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>Steer calves</td> <td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>141.0</td><td>--</td> </tr> <tr> <td>Heifer calves</td> <td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>63.0</td><td>--</td> </tr> <tr> <td>Yearling steers</td> <td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>127.0</td><td>--</td><td>--</td><td>--</td><td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>89.0</td><td>--</td><td>--</td><td>--</td><td>21.0</td> </tr> <tr> <td>Cull cows</td> <td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>63.0</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:													National Forest 16/	--	--	--	--	4.0	25.0	75.0	86.0	85.0	9.0	--	--	Bureau of Land Management 16/	--	--	--	--	1.0	2.0	2.0	2.0	2.0	--	--	--	Pasture rent/lease 17/	--	--	--	242.3	259.2	270.2	260.7	260.6	252.1	210.1	186.0	190.0	State land lease	--	--	--	20.6	22.2	23.8	24.5	24.8	23.9	18.1	15.8	16.2	Deeded rangeland 17/	--	--	--	172.8	820.8	855.6	825.4	825.1	798.2	665.4	420.1	--	Irrigated pasture 17/	--	--	--	--	--	--	--	--	--	--	74.1	75.7	Crop residue 17/	--	--	--	--	--	--	--	--	--	--	94.9	97.0	Hay	242.6	244.7	263.2	--	--	--	--	--	--	--	--	128.9	Grain	--	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	--	14.1	14.1	14.1	--	--	--	--	--	--	--	--	Marketing month:													Steer calves	--	--	--	--	--	--	--	--	--	--	141.0	--	Heifer calves	--	--	--	--	--	--	--	--	--	--	63.0	--	Yearling steers	--	--	--	--	--	--	--	127.0	--	--	--	--	Yearling heifers	--	--	--	--	--	--	--	89.0	--	--	--	21.0	Cull cows	--	--	--	--	--	--	--	--	--	--	--	63.0
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																											
Feed source:																																																																																																																																																																																																																																																							
National Forest 16/	--	--	--	--	4.0	25.0	75.0	86.0	85.0	9.0	--	--																																																																																																																																																																																																																																											
Bureau of Land Management 16/	--	--	--	--	1.0	2.0	2.0	2.0	2.0	--	--	--																																																																																																																																																																																																																																											
Pasture rent/lease 17/	--	--	--	242.3	259.2	270.2	260.7	260.6	252.1	210.1	186.0	190.0																																																																																																																																																																																																																																											
State land lease	--	--	--	20.6	22.2	23.8	24.5	24.8	23.9	18.1	15.8	16.2																																																																																																																																																																																																																																											
Deeded rangeland 17/	--	--	--	172.8	820.8	855.6	825.4	825.1	798.2	665.4	420.1	--																																																																																																																																																																																																																																											
Irrigated pasture 17/	--	--	--	--	--	--	--	--	--	--	74.1	75.7																																																																																																																																																																																																																																											
Crop residue 17/	--	--	--	--	--	--	--	--	--	--	94.9	97.0																																																																																																																																																																																																																																											
Hay	242.6	244.7	263.2	--	--	--	--	--	--	--	--	128.9																																																																																																																																																																																																																																											
Grain	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Protein supplement	--	14.1	14.1	14.1	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Marketing month:																																																																																																																																																																																																																																																							
Steer calves	--	--	--	--	--	--	--	--	--	--	141.0	--																																																																																																																																																																																																																																											
Heifer calves	--	--	--	--	--	--	--	--	--	--	63.0	--																																																																																																																																																																																																																																											
Yearling steers	--	--	--	--	--	--	--	127.0	--	--	--	--																																																																																																																																																																																																																																											
Yearling heifers	--	--	--	--	--	--	--	89.0	--	--	--	21.0																																																																																																																																																																																																																																											
Cull cows	--	--	--	--	--	--	--	--	--	--	--	63.0																																																																																																																																																																																																																																											

Table 236--Beef cow enterprises with up to 99 cows, Wallowa Whitman National Forest, Northeast Oregon, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																																										
Production:							Cash costs--Continued																																																																																																																																																																																																																																																																
Bred cows 1/	Head	53	--	--	--	--	Protein supplement 5/	Ton	--	--	--	--	--																																																																																																																																																																																																																																																										
Annual cow loss	Head	2	--	--	--	--	Grain	Ton	--	--	--	--	--																																																																																																																																																																																																																																																										
Cows culled	Head	5	--	--	--	--	Other feed	Ton	--	--	--	--	--																																																																																																																																																																																																																																																										
Calves born alive	Head	49	--	--	--	--	Salt and mineral	Cwt	18.6	--	6.63	123	2.32																																																																																																																																																																																																																																																										
Calves lost birth to weaning	Head	3	--	--	--	--	Veterinary & medicine	Dol	--	--	--	399	7.53																																																																																																																																																																																																																																																										
Steer calves weaned	Head	23	--	--	--	--	Hired trucking	Dol	--	--	--	105	1.98																																																																																																																																																																																																																																																										
Sold as weaners	Head	12	--	--	--	--	Marketing 6/	Dol	--	--	--	236	4.45																																																																																																																																																																																																																																																										
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	Dol	--	--	--	913	17.23																																																																																																																																																																																																																																																										
Sold as yearlings	Head	11	--	--	--	--	Hired labor	Hrs	268.0	--	4.17	1,118	21.09																																																																																																																																																																																																																																																										
Heifer calves weaned	Head	23	--	--	--	--	Fuel and lubricants	Dol	--	--	--	1,264	23.85																																																																																																																																																																																																																																																										
Sold as weaners	Head	12	--	--	--	--	Repairs	Dol	--	--	--	1,522	28.72																																																																																																																																																																																																																																																										
Lost after weaning	Head	--	--	--	--	--	Taxes 8/	Dol	--	--	--	882	16.64																																																																																																																																																																																																																																																										
Sold as yearlings	Head	4	--	--	--	--	Insurance	Dol	--	--	--	280	5.28																																																																																																																																																																																																																																																										
Kept for herd replacement 2/	Head	7	--	--	--	--	Interest on operating capital 9/	Dol	6,563.5	--	0.15	971	18.32																																																																																																																																																																																																																																																										
Bulls	Head	2	--	--	--	--	Total cash costs	Dol	--	--	--	12,234	230.83																																																																																																																																																																																																																																																										
Sales:							Other costs:																																																																																																																																																																																																																																																																
Steer calves	Head	12	400	65.44	3,141	--	Family labor 10/	Hrs	803.0	--	4.17	3,349	63.19																																																																																																																																																																																																																																																										
Heifer calves	Head	12	375	56.00	2,520	--	Capital replacement 11/	Dol	--	--	--	3,190	60.19																																																																																																																																																																																																																																																										
Yearling steers	Head	11	735	62.00	5,013	--	Interest on investment other than land 13/	Dol	--	--	--	5,279	118.47																																																																																																																																																																																																																																																										
Yearling heifers	Head	4	670	53.95	1,446	--	Interest on land 13/	Dol	--	--	--	38,288	722.42																																																																																																																																																																																																																																																										
Cull cows	Head	5	950	35.05	1,665	--	Total other costs	Dol	--	--	--	51,105	954.26																																																																																																																																																																																																																																																										
Total sales	Head	--	--	--	13,785	260.09	Total all costs	Dol	--	--	--	63,340	1,195.09																																																																																																																																																																																																																																																										
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																																
Federal grazing fees 3/	AM	136.0	--	1.86	253	4.77	Return above cash costs and family labor	Dol	--	--	--	1,551	29.26																																																																																																																																																																																																																																																										
Private pasture lease	AUM	--	--	--	--	--	Return to total investment 14/	Dol	--	--	--	-4,988	-94.11																																																																																																																																																																																																																																																										
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-11,267	-212.58																																																																																																																																																																																																																																																										
State land lease	AUM	--	--	--	--	--																																																																																																																																																																																																																																																																	
Irrigated pasture	AUM	92.0	--	5.05	465	8.77																																																																																																																																																																																																																																																																	
Hay produced	Ton	67.8	--	37.17	2,520	47.55																																																																																																																																																																																																																																																																	
Hay purchased	Ton	16.9	--	70.00	1,183	22.32																																																																																																																																																																																																																																																																	
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td>Feed source:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>5.0</td> <td>9.0</td> <td>25.0</td> <td>23.0</td> <td>22.0</td> <td>22.0</td> <td>19.0</td> <td>10.0</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Pasture rent/Lease 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>65.5</td> <td>64.4</td> <td>44.3</td> <td>48.7</td> <td>50.2</td> <td>46.3</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>12.0</td> <td>13.0</td> <td>14.0</td> <td>16.0</td> <td>18.0</td> <td>19.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>50.5</td> <td>55.0</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>19.9</td> <td>21.6</td> <td>23.3</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>19.9</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Marketing month:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>12</td> <td>--</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>12</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>11</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>2</td> <td>2</td> <td>--</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>5</td> <td>--</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:													National Forest 16/	AM	--	--	--	5.0	9.0	25.0	23.0	22.0	22.0	19.0	10.0	--	Bureau of Land Management 16/	AM	--	--	--	--	--	--	--	--	--	--	--	--	Pasture rent/Lease 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--	State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--	--	Deeded rangeland 17/	AUM	--	--	--	65.5	64.4	44.3	48.7	50.2	46.3	--	--	--	Irrigated pasture 17/	AUM	--	--	--	12.0	13.0	14.0	16.0	18.0	19.0	--	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	50.5	55.0	--	Hay	Ton	19.9	21.6	23.3	--	--	--	--	--	--	--	--	19.9	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--	--	Marketing month:														Steer calves	Head	--	--	--	--	--	--	--	--	--	12	--	--	Heifer calves	Head	--	--	--	--	--	--	--	--	--	12	--	--	Yearling steers	Head	--	--	--	--	--	--	--	--	--	11	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	--	2	2	--	--	Cull cows	Head	--	--	--	--	--	--	--	--	--	5	--	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																																											
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Irrigated pasture 17/	AUM	--	--	--	12.0	13.0	14.0	16.0	18.0	19.0	--	--	--																																																																																																																																																																																																																																																										
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	50.5	55.0	--																																																																																																																																																																																																																																																										
Hay	Ton	19.9	21.6	23.3	--	--	--	--	--	--	--	--	19.9																																																																																																																																																																																																																																																										
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																										
Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																										
Marketing month:																																																																																																																																																																																																																																																																							
Steer calves	Head	--	--	--	--	--	--	--	--	--	12	--	--																																																																																																																																																																																																																																																										
Heifer calves	Head	--	--	--	--	--	--	--	--	--	12	--	--																																																																																																																																																																																																																																																										
Yearling steers	Head	--	--	--	--	--	--	--	--	--	11	--	--																																																																																																																																																																																																																																																										
Yearling heifers	Head	--	--	--	--	--	--	--	--	2	2	--	--																																																																																																																																																																																																																																																										
Cull cows	Head	--	--	--	--	--	--	--	--	--	5	--	--																																																																																																																																																																																																																																																										

Table 237--Beef cow enterprises with 100-299 cows, Wallowa Whitman National Forest, Northeast Oregon, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																																											
Production:							Cash costs--Continued																																																																																																																																																																																																																																																																	
Bred cows 1/	Head	169	--	--	--	--	Protein supplement 5/	Ton	--	--	--	--	--																																																																																																																																																																																																																																																											
Annual cow loss	Head	3	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																																											
Cows culled	Head	23	--	--	--	--	Other feed	Ton	--	--	--	--	--																																																																																																																																																																																																																																																											
Calves born alive	Head	154	--	--	--	--	Salt and mineral	Cwt	59.2	--	6.63	392	2.32																																																																																																																																																																																																																																																											
Calves lost birth to weaning	Head	8	--	--	--	--	Veterinary & medicine	Dol	--	--	--	981	5.80																																																																																																																																																																																																																																																											
Steer calves weaned	Head	73	--	--	--	--	Hired trucking	Dol	--	--	--	236	1.40																																																																																																																																																																																																																																																											
Sold as weaners	Head	38	--	--	--	--	Marketing 6/	Dol	--	--	--	534	3.16																																																																																																																																																																																																																																																											
Lost after weaning	Head	1	--	--	--	--	General overhead 7/	Dol	--	--	--	2,462	14.57																																																																																																																																																																																																																																																											
Sold as yearlings	Head	34	--	--	--	--	Hired labor	Hrs	1,059.0	--	4.17	4,416	26.13																																																																																																																																																																																																																																																											
Heifer calves weaned	Head	73	--	--	--	--	Fuel and lubricants	Dol	--	--	--	3,001	17.76																																																																																																																																																																																																																																																											
Sold as weaners	Head	21	--	--	--	--	Repairs	Dol	--	--	--	2,598	15.37																																																																																																																																																																																																																																																											
Lost after weaning	Head	1	--	--	--	--	Taxes 8/	Dol	--	--	--	2,274	13.46																																																																																																																																																																																																																																																											
Sold as yearlings	Head	25	--	--	--	--	Insurance	Dol	--	--	--	820	4.85																																																																																																																																																																																																																																																											
Kept for herd replacement 2/	Head	26	--	--	--	--	Interest on operating capital 9/	Dol	20,465.7	--	0.15	3,029	17.92																																																																																																																																																																																																																																																											
Bulls	Head	9	--	--	--	--	Total cash costs	Dol	--	--	--	39,077	231.22																																																																																																																																																																																																																																																											
Sales:							Other costs:																																																																																																																																																																																																																																																																	
Steer calves	Head	38	390	67.00	9,929	--	Family labor 10/	Hrs	1,589.0	--	4.17	6,626	39.21																																																																																																																																																																																																																																																											
Heifer calves	Head	21	370	56.00	4,351	--	Capital replacement 11/	Dol	--	--	--	7,171	42.43																																																																																																																																																																																																																																																											
Yearling steers	Head	34	735	62.00	15,494	--	Interest on investment other than land 13/	Dol	--	--	--	17,211	101.84																																																																																																																																																																																																																																																											
Yearling heifers	Head	25	670	56.56	9,474	--	Interest on land 13/	Dol	--	--	--	103,951	615.09																																																																																																																																																																																																																																																											
Cull cows	Head	23	900	35.05	7,255	--	Total other costs	Dol	--	--	--	134,959	798.57																																																																																																																																																																																																																																																											
Total sales	Head	--	--	--	46,503	275.17	Total all costs	Dol	--	--	--	174,036	1,029.80																																																																																																																																																																																																																																																											
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																																	
Federal grazing fees 3/	AM	463.0	--	1.86	861	5.09	Return above cash costs:	Dol	--	--	--	7,426	43.94																																																																																																																																																																																																																																																											
Private pasture lease	AUM	193.0	--	7.70	1,486	8.79	Return above cash costs:	Dol	--	--	--	800	4.73																																																																																																																																																																																																																																																											
Other pasture lease 4/	AUM	--	--	--	--	--	and family labor	Dol	--	--	--	--	--																																																																																																																																																																																																																																																											
State land lease	AUM	--	--	--	--	--	Return to total investment 14/	Dol	--	--	--	-6,371	-37.70																																																																																																																																																																																																																																																											
Irrigated pasture	AUM	366.0	--	5.05	1,848	10.93	Return to land 15/	Dol	--	--	--	-12,582	-139.54																																																																																																																																																																																																																																																											
Hay produced	Ton	168.7	--	37.17	6,271	37.11																																																																																																																																																																																																																																																																		
Hay purchased	Ton	112.4	--	70.00	7,868	46.56																																																																																																																																																																																																																																																																		
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td colspan="14">Feed source:</td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>19.0</td> <td>22.0</td> <td>66.0</td> <td>77.0</td> <td>78.0</td> <td>78.0</td> <td>47.0</td> <td>30.0</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>10.0</td> <td>20.0</td> <td>16.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>38.0</td> <td>38.0</td> <td>29.0</td> <td>30.0</td> <td>30.0</td> <td>28.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>155.1</td> <td>151.4</td> <td>114.6</td> <td>120.6</td> <td>120.0</td> <td>111.4</td> <td>100.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>48.0</td> <td>52.0</td> <td>57.0</td> <td>65.0</td> <td>70.0</td> <td>74.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>82.4</td> <td>185.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>65.8</td> <td>72.0</td> <td>77.5</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>65.8</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td colspan="14">Marketing month:</td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>38</td> <td>--</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>21</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>34</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>20</td> <td>5</td> <td>--</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>23</td> <td>--</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:														National Forest 16/	AM	--	--	--	19.0	22.0	66.0	77.0	78.0	78.0	47.0	30.0	--	Bureau of Land Management 16/	AM	--	--	--	10.0	20.0	16.0	--	--	--	--	--	--	Pasture rent/lease 17/	AUM	--	--	--	38.0	38.0	29.0	30.0	30.0	28.0	--	--	--	State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--	--	Deeded rangeland 17/	AUM	--	--	--	155.1	151.4	114.6	120.6	120.0	111.4	100.0	--	--	Irrigated pasture 17/	AUM	--	--	--	48.0	52.0	57.0	65.0	70.0	74.0	--	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	82.4	185.0	--	--	Hay	Ton	65.8	72.0	77.5	--	--	--	--	--	--	--	--	65.8	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--	--	Marketing month:														Steer calves	Head	--	--	--	--	--	--	--	--	--	38	--	--	Heifer calves	Head	--	--	--	--	--	--	--	--	--	21	--	--	Yearling steers	Head	--	--	--	--	--	--	--	--	34	--	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	--	20	5	--	--	Cull cows	Head	--	--	--	--	--	--	--	--	--	23	--	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																																												
Feed source:																																																																																																																																																																																																																																																																								
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Bureau of Land Management 16/	AM	--	--	--	10.0	20.0	16.0	--	--	--	--	--	--																																																																																																																																																																																																																																																											
Pasture rent/lease 17/	AUM	--	--	--	38.0	38.0	29.0	30.0	30.0	28.0	--	--	--																																																																																																																																																																																																																																																											
State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																											
Deeded rangeland 17/	AUM	--	--	--	155.1	151.4	114.6	120.6	120.0	111.4	100.0	--	--																																																																																																																																																																																																																																																											
Irrigated pasture 17/	AUM	--	--	--	48.0	52.0	57.0	65.0	70.0	74.0	--	--	--																																																																																																																																																																																																																																																											
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	82.4	185.0	--	--																																																																																																																																																																																																																																																											
Hay	Ton	65.8	72.0	77.5	--	--	--	--	--	--	--	--	65.8																																																																																																																																																																																																																																																											
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																											
Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																											
Marketing month:																																																																																																																																																																																																																																																																								
Steer calves	Head	--	--	--	--	--	--	--	--	--	38	--	--																																																																																																																																																																																																																																																											
Heifer calves	Head	--	--	--	--	--	--	--	--	--	21	--	--																																																																																																																																																																																																																																																											
Yearling steers	Head	--	--	--	--	--	--	--	--	34	--	--	--																																																																																																																																																																																																																																																											
Yearling heifers	Head	--	--	--	--	--	--	--	--	20	5	--	--																																																																																																																																																																																																																																																											
Cull cows	Head	--	--	--	--	--	--	--	--	--	23	--	--																																																																																																																																																																																																																																																											

Table 238--Beef cow enterprises with 300-749 cows, Wallowa Whitman National Forest, Northeast Oregon, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																											
Production:							Cash costs--Continued																																																																																																																																																																																																																																																	
Bred cows 1/	Head	449	--	--	--	--	Protein supplement 5/	Ton	--	--	--	--	--																																																																																																																																																																																																																																											
Annual cow loss	Head	13	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																											
Cows culled	Head	57	--	--	--	--	Other feed	Ton	--	--	--	--	--																																																																																																																																																																																																																																											
Calves born alive	Head	404	--	--	--	--	Salt and mineral	Cwt	157.2	--	6.63	1,042	2.32																																																																																																																																																																																																																																											
Calves lost birth to weaning	Head	24	--	--	--	--	Veterinary & medicine	Dol	--	--	--	2,873	6.40																																																																																																																																																																																																																																											
Steer calves weaned	Head	190	--	--	--	--	Hired trucking	Dol	--	--	--	574	1.50																																																																																																																																																																																																																																											
Sold as weaners	Head	95	--	--	--	--	Marketing 6/	Dol	--	--	--	1,528	3.40																																																																																																																																																																																																																																											
Lost after weaning	Head	2	--	--	--	--	General overhead 7/	Dol	--	--	--	5,592	12.45																																																																																																																																																																																																																																											
Sold as yearlings	Head	93	--	--	--	--	Hired labor	Hrs	2,222.0	--	4.17	9,266	20.64																																																																																																																																																																																																																																											
Heifer calves weaned	Head	190	--	--	--	--	Fuel and lubricants	Dol	--	--	--	5,148	11.47																																																																																																																																																																																																																																											
Sold as weaners	Head	55	--	--	--	--	Repairs	Dol	--	--	--	5,063	11.28																																																																																																																																																																																																																																											
Lost after weaning	Head	3	--	--	--	--	Taxes 8/	Dol	--	--	--	5,235	11.66																																																																																																																																																																																																																																											
Sold as yearlings	Head	62	--	--	--	--	Insurance	Dol	--	--	--	2,049	4.56																																																																																																																																																																																																																																											
Kept for herd replacement 2/	Head	70	--	--	--	--	Interest on operating capital 9/	Dol	46,059.0	--	0.15	6,817	15.18																																																																																																																																																																																																																																											
Bulls	Head	23	--	--	--	--	Total cash costs	Dol	--	--	--	94,114	209.61																																																																																																																																																																																																																																											
Sales:							Other costs:																																																																																																																																																																																																																																																	
Steer calves	Head	95	385	67.00	24,505	--	Family labor 10/	Hrs	1,482.0	--	4.17	6,180	13.76																																																																																																																																																																																																																																											
Heifer calves	Head	55	370	56.00	11,396	--	Capital replacement 11/	Dol	--	--	--	15,230	33.92																																																																																																																																																																																																																																											
Yearling steers	Head	93	725	62.00	41,804	--	Interest on investment other than land 13/	Dol	--	--	--	42,486	94.62																																																																																																																																																																																																																																											
Yearling heifers	Head	62	670	56.56	23,495	--	Interest on land 13/	Dol	--	--	--	246,255	548.45																																																																																																																																																																																																																																											
Cull cows	Head	57	900	35.05	17,981	--	Total other costs	Dol	--	--	--	310,151	690.76																																																																																																																																																																																																																																											
Total sales	Head	--	--	--	119,181	265.44	Total all costs	Dol	--	--	--	404,265	900.37																																																																																																																																																																																																																																											
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																	
Federal grazing fees 3/	AM	941.0	--	1.86	1,750	3.90	Return above cash costs and family labor	Dol	--	--	--	25,067	55.83																																																																																																																																																																																																																																											
Private pasture lease	AUM	951.7	--	7.70	7,328	16.32	Return to total investment 14/	Dol	--	--	--	3,657	8.14																																																																																																																																																																																																																																											
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-38,829	-85.48																																																																																																																																																																																																																																											
State land lease	AUM	--	--	--	--	--																																																																																																																																																																																																																																																		
Irrigated pasture	AUM	841.0	--	5.05	4,247	9.46																																																																																																																																																																																																																																																		
Hay produced	Ton	423.5	--	37.17	15,741	35.06																																																																																																																																																																																																																																																		
Hay purchased	Ton	282.3	--	70.00	19,761	44.01																																																																																																																																																																																																																																																		
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td>Feed source:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>30.0</td> <td>27.0</td> <td>27.0</td> <td>40.0</td> <td>61.0</td> <td>118.0</td> <td>138.0</td> <td>138.0</td> <td>135.0</td> <td>78.0</td> <td>49.0</td> <td>41.0</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>15.0</td> <td>23.0</td> <td>21.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>200.7</td> <td>162.0</td> <td>149.0</td> <td>150.0</td> <td>141.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>468.2</td> <td>379.2</td> <td>347.6</td> <td>348.7</td> <td>349.0</td> <td>329.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>138.0</td> <td>150.0</td> <td>173.0</td> <td>184.0</td> <td>196.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>549.9</td> <td>520.6</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>165.5</td> <td>182.5</td> <td>195.2</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>162.6</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Marketing month:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>95</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>55</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>93</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>62</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>57</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:													National Forest 16/	AM	30.0	27.0	27.0	40.0	61.0	118.0	138.0	138.0	135.0	78.0	49.0	41.0	Bureau of Land Management 16/	AM	--	--	--	15.0	23.0	21.0	--	--	--	--	--	Pasture rent/lease 17/	AUM	--	--	--	200.7	162.0	149.0	150.0	141.0	--	--	--	State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--	Deeded rangeland 17/	AUM	--	--	--	468.2	379.2	347.6	348.7	349.0	329.0	--	--	Irrigated pasture 17/	AUM	--	--	--	--	138.0	150.0	173.0	184.0	196.0	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	549.9	520.6	Hay	Ton	165.5	182.5	195.2	--	--	--	--	--	--	--	162.6	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--	Marketing month:													Steer calves	Head	--	--	--	--	--	--	--	--	--	95	--	Heifer calves	Head	--	--	--	--	--	--	--	--	--	55	--	Yearling steers	Head	--	--	--	--	--	--	--	93	--	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	62	--	--	--	Cull cows	Head	--	--	--	--	--	--	--	--	--	57	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																												
Feed source:																																																																																																																																																																																																																																																								
National Forest 16/	AM	30.0	27.0	27.0	40.0	61.0	118.0	138.0	138.0	135.0	78.0	49.0	41.0																																																																																																																																																																																																																																											
Bureau of Land Management 16/	AM	--	--	--	15.0	23.0	21.0	--	--	--	--	--																																																																																																																																																																																																																																												
Pasture rent/lease 17/	AUM	--	--	--	200.7	162.0	149.0	150.0	141.0	--	--	--																																																																																																																																																																																																																																												
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Deeded rangeland 17/	AUM	--	--	--	468.2	379.2	347.6	348.7	349.0	329.0	--	--																																																																																																																																																																																																																																												
Irrigated pasture 17/	AUM	--	--	--	--	138.0	150.0	173.0	184.0	196.0	--	--																																																																																																																																																																																																																																												
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	549.9	520.6																																																																																																																																																																																																																																												
Hay	Ton	165.5	182.5	195.2	--	--	--	--	--	--	--	162.6																																																																																																																																																																																																																																												
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																												
Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																												
Marketing month:																																																																																																																																																																																																																																																								
Steer calves	Head	--	--	--	--	--	--	--	--	--	95	--																																																																																																																																																																																																																																												
Heifer calves	Head	--	--	--	--	--	--	--	--	--	55	--																																																																																																																																																																																																																																												
Yearling steers	Head	--	--	--	--	--	--	--	93	--	--	--																																																																																																																																																																																																																																												
Yearling heifers	Head	--	--	--	--	--	--	--	62	--	--	--																																																																																																																																																																																																																																												
Cull cows	Head	--	--	--	--	--	--	--	--	--	57	--																																																																																																																																																																																																																																												

Table 239--Beef cow enterprises with 750 or more cows, Wallowa Whitman National Forest, Northeast Oregon, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																																											
Production:							Cash costs--Continued:																																																																																																																																																																																																																																																																	
Bred cows 1/	Head	1,405	--	--	--	--	Protein supplement 5/	Ton	--	--	--	--	--																																																																																																																																																																																																																																																											
Annual cow loss	Head	42	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																																											
Cows culled	Head	160	--	--	--	--	Other feed	Ton	--	--	--	--	--																																																																																																																																																																																																																																																											
Calves born alive	Head	1,265	--	--	--	--	Salt and mineral	Cwt	491.8	--	6.63	3,261	2.32																																																																																																																																																																																																																																																											
Calves, lost birth to weaning	Head	76	--	--	--	--	Veterinary & medicine	Dol	--	--	--	414	0.29																																																																																																																																																																																																																																																											
Steer calves weaned	Head	594	--	--	--	--	Hired trucking	Dol	--	--	--	1,974	1.40																																																																																																																																																																																																																																																											
Sold as weaners	Head	297	--	--	--	--	Marketing 6/	Dol	--	--	--	2,879	2.05																																																																																																																																																																																																																																																											
Lost after weaning	Head	6	--	--	--	--	General overhead 7/	Dol	--	--	--	88,552	63.03																																																																																																																																																																																																																																																											
Sold as yearlings	Head	291	--	--	--	--	Hired labor	Hrs	6,323.0	--	4.17	26,367	18.77																																																																																																																																																																																																																																																											
Heifer calves weaned	Head	594	--	--	--	--	Fuel and lubricants	Dol	--	--	--	6,761	4.81																																																																																																																																																																																																																																																											
Sold as weaners	Head	171	--	--	--	--	Repairs	Dol	--	--	--	9,813	6.98																																																																																																																																																																																																																																																											
Lost after weaning	Head	4	--	--	--	--	Taxes 8/	Dol	--	--	--	12,896	9.18																																																																																																																																																																																																																																																											
Sold as yearlings	Head	217	--	--	--	--	Insurance	Dol	--	--	--	5,947	4.23																																																																																																																																																																																																																																																											
Kept for herd replacement 2/	Head	202	--	--	--	--	Interest on operating capital 9/	Dol	138,044.0	--	0.15	20,430	14.54																																																																																																																																																																																																																																																											
Bulls	Head	71	--	--	--	--	Total cash costs	Dol	--	--	--	351,046	249.85																																																																																																																																																																																																																																																											
Sales:							Other costs:																																																																																																																																																																																																																																																																	
Steer calves	Head	297	385	67.00	76,611	--	Family labor 10/	Hrs	2,107.0	--	4.17	8,786	6.25																																																																																																																																																																																																																																																											
Heifer calves	Head	171	370	56.00	35,431	--	Capital replacement 11/	Dol	--	--	--	32,161	22.89																																																																																																																																																																																																																																																											
Yearling steers	Head	291	735	62.00	132,609	--	Interest on investment other than land 13/	Dol	--	--	--	122,499	87.19																																																																																																																																																																																																																																																											
Yearling heifers	Head	217	670	56.10	81,564	--	Interest on land 13/	Dol	--	--	--	646,825	460.37																																																																																																																																																																																																																																																											
Cull cows	Head	160	900	35.05	50,472	--	Total other costs	Dol	--	--	--	810,271	576.71																																																																																																																																																																																																																																																											
Total sales	Head	--	--	--	376,687	268.10	Total all costs	Dol	--	--	--	-1,161,317	826.56																																																																																																																																																																																																																																																											
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																																	
Federal grazing fees 3/	AM	1,271.0	--	1.86	2,364	1.68	Return above cash costs:	Dol	--	--	--	25,641	18.25																																																																																																																																																																																																																																																											
Private pasture lease	AUM	4,525.0	--	7.70	34,843	24.80	Return above cash costs: and family labor	Dol	--	--	--	16,855	12.00																																																																																																																																																																																																																																																											
Other pasture lease 4/	AUM	--	--	--	--	--	Return to total investment 14/	Dol	--	--	--	-15,306	-10.89																																																																																																																																																																																																																																																											
State land lease	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-137,805	-98.08																																																																																																																																																																																																																																																											
Irrigated pasture	AUM	2,628.0	--	5.05	13,271	9.45																																																																																																																																																																																																																																																																		
Hay produced	Ton	1,131.6	--	37.17	42,062	29.94																																																																																																																																																																																																																																																																		
Hay purchased	Ton	1,131.6	--	70.00	79,212	56.38																																																																																																																																																																																																																																																																		
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td colspan="14">Feed source:</td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>49.0</td> <td>49.0</td> <td>49.0</td> <td>62.0</td> <td>77.0</td> <td>164.0</td> <td>170.0</td> <td>170.0</td> <td>170.0</td> <td>87.0</td> <td>61.0</td> <td>61.0</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>34.0</td> <td>34.0</td> <td>34.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>765.0</td> <td>665.0</td> <td>666.0</td> <td>680.0</td> <td>680.0</td> <td>637.0</td> <td>432.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>1,422.0</td> <td>1,236.1</td> <td>1,238.1</td> <td>1,264.0</td> <td>1,264.0</td> <td>1,183.0</td> <td>803.6</td> <td>--</td> <td>--</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>432.0</td> <td>468.0</td> <td>540.0</td> <td>576.0</td> <td>612.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>700.0</td> <td>1,721.2</td> <td>--</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>530.8</td> <td>582.4</td> <td>622.9</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>527.1</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td colspan="14">Marketing month:</td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>297</td> <td>--</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>171</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>291</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>217</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>160</td> <td>--</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:														National Forest 16/	AM	49.0	49.0	49.0	62.0	77.0	164.0	170.0	170.0	170.0	87.0	61.0	61.0	Bureau of Land Management 16/	AM	--	--	--	34.0	34.0	34.0	--	--	--	--	--	--	Pasture rent/lease 17/	AUM	--	--	--	765.0	665.0	666.0	680.0	680.0	637.0	432.0	--	--	State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--	--	Deeded rangeland 17/	AUM	--	--	--	1,422.0	1,236.1	1,238.1	1,264.0	1,264.0	1,183.0	803.6	--	--	Irrigated pasture 17/	AUM	--	--	--	--	432.0	468.0	540.0	576.0	612.0	--	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	700.0	1,721.2	--	--	Hay	Ton	530.8	582.4	622.9	--	--	--	--	--	--	--	--	527.1	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--	--	Marketing month:														Steer calves	Head	--	--	--	--	--	--	--	--	--	297	--	--	Heifer calves	Head	--	--	--	--	--	--	--	--	--	171	--	--	Yearling steers	Head	--	--	--	--	--	--	--	291	--	--	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	217	--	--	--	--	Cull cows	Head	--	--	--	--	--	--	--	--	--	160	--	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																																												
Feed source:																																																																																																																																																																																																																																																																								
National Forest 16/	AM	49.0	49.0	49.0	62.0	77.0	164.0	170.0	170.0	170.0	87.0	61.0	61.0																																																																																																																																																																																																																																																											
Bureau of Land Management 16/	AM	--	--	--	34.0	34.0	34.0	--	--	--	--	--	--																																																																																																																																																																																																																																																											
Pasture rent/lease 17/	AUM	--	--	--	765.0	665.0	666.0	680.0	680.0	637.0	432.0	--	--																																																																																																																																																																																																																																																											
State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																											
Deeded rangeland 17/	AUM	--	--	--	1,422.0	1,236.1	1,238.1	1,264.0	1,264.0	1,183.0	803.6	--	--																																																																																																																																																																																																																																																											
Irrigated pasture 17/	AUM	--	--	--	--	432.0	468.0	540.0	576.0	612.0	--	--	--																																																																																																																																																																																																																																																											
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	700.0	1,721.2	--	--																																																																																																																																																																																																																																																											
Hay	Ton	530.8	582.4	622.9	--	--	--	--	--	--	--	--	527.1																																																																																																																																																																																																																																																											
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																											
Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																											
Marketing month:																																																																																																																																																																																																																																																																								
Steer calves	Head	--	--	--	--	--	--	--	--	--	297	--	--																																																																																																																																																																																																																																																											
Heifer calves	Head	--	--	--	--	--	--	--	--	--	171	--	--																																																																																																																																																																																																																																																											
Yearling steers	Head	--	--	--	--	--	--	--	291	--	--	--	--																																																																																																																																																																																																																																																											
Yearling heifers	Head	--	--	--	--	--	--	--	217	--	--	--	--																																																																																																																																																																																																																																																											
Cull cows	Head	--	--	--	--	--	--	--	--	--	160	--	--																																																																																																																																																																																																																																																											

Table 240--Beef cow enterprises with up to 399 cows, Winema National Forest, Southwestern Oregon, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																												
Production:							Cash costs--Continued																																																																																																																																																																																																																																																		
Bred cows 1/	Head	165	--	--	--	--	Protein supplement 5/	Ton	--	--	--	--	--																																																																																																																																																																																																																																												
Annual cow loss	Head	5	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																												
Cows culled	Head	22	--	--	--	--	Other feed	Ton	--	--	--	--	--																																																																																																																																																																																																																																												
Calves born alive	Head	150	--	--	--	--	Salt and mineral	Cwt	58.0	--	6.63	385	2.33																																																																																																																																																																																																																																												
Calves lost birth to weaning	Head	8	--	--	--	--	Veterinary & medicine	Dol	--	--	--	1,139	6.90																																																																																																																																																																																																																																												
Steer calves weaned	Head	71	--	--	--	--	Hired trucking	Dol	--	--	--	329	1.99																																																																																																																																																																																																																																												
Sold as weaners	Head	47	--	--	--	--	Marketing 6/	Dol	--	--	--	932	5.65																																																																																																																																																																																																																																												
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	Dol	--	--	--	2,216	13.43																																																																																																																																																																																																																																												
Sold as yearlings	Head	24	--	--	--	--	Hired labor	Hrs	1,403.0	--	4.17	5,851	35.46																																																																																																																																																																																																																																												
Heifer calves weaned	Head	71	--	--	--	--	Fuel and lubricants	Dol	--	--	--	3,675	22.27																																																																																																																																																																																																																																												
Sold as weaners	Head	28	--	--	--	--	Repairs	Dol	--	--	--	2,757	16.71																																																																																																																																																																																																																																												
Lost after weaning	Head	1	--	--	--	--	Taxes 8/	Dol	--	--	--	1,953	11.84																																																																																																																																																																																																																																												
Sold as yearlings	Head	15	--	--	--	--	Insurance	Dol	--	--	--	781	4.73																																																																																																																																																																																																																																												
Kept for herd replacement 2/	Head	27	--	--	--	--	Interest on operating capital 9/	Dol	18,398.0	--	0.15	2,760	16.73																																																																																																																																																																																																																																												
Bulls	Head	7	--	--	--	--	Total cash costs	Dol	--	--	--	44,644	270.57																																																																																																																																																																																																																																												
Sales:							Other costs:																																																																																																																																																																																																																																																		
Steer calves	Head	47	498	65.44	15,317	--	Family labor 10/	Hrs	1,795.0	--	4.17	7,485	45.36																																																																																																																																																																																																																																												
Heifer calves	Head	28	440	54.08	6,663	--	Capital replacement 11/	Dol	--	--	--	6,974	42.27																																																																																																																																																																																																																																												
Yearling steers	Head	24	766	59.75	10,984	--	Interest on investment other than land 13/	Dol	--	--	--	16,391	99.31																																																																																																																																																																																																																																												
Yearling heifers	Head	15	684	53.95	5,535	--	Interest on land 13/	Dol	--	--	--	88,006	533.37																																																																																																																																																																																																																																												
Cull cows	Head	22	950	37.71	7,881	--	Total other costs	Dol	--	--	--	118,856	720.31																																																																																																																																																																																																																																												
Total sales	Head	--	--	--	46,380	281.09	Total all costs	Dol	--	--	--	163,500	990.91																																																																																																																																																																																																																																												
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																		
Federal grazing fees 3/	AM	380.0	--	1.86	707	4.28	Return above cash costs and family labor	Dol	--	--	--	1,736	10.52																																																																																																																																																																																																																																												
Private pasture lease	AUM	143.0	--	7.70	1,101	6.67	Return to total investment 14/	Dol	--	--	--	-12,723	-77.11																																																																																																																																																																																																																																												
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-29,114	-176.45																																																																																																																																																																																																																																												
State land lease	AUM	--	--	--	--	--																																																																																																																																																																																																																																																			
Irrigated pasture	AUM	615.0	--	5.05	3,106	18.82																																																																																																																																																																																																																																																			
Hay produced	Ton	202.2	--	37.17	7,516	45.55																																																																																																																																																																																																																																																			
Hay purchased	Ton	134.8	--	70.00	9,436	57.19																																																																																																																																																																																																																																																			
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td colspan="14">Feed source:</td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>9.0</td> <td>12.0</td> <td>93.0</td> <td>95.0</td> <td>88.0</td> <td>82.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Pasture rent/Lease 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>28.0</td> <td>13.0</td> <td>10.0</td> <td>12.0</td> <td>48.0</td> <td>20.0</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Decid. rangeland 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>112.8</td> <td>30.9</td> <td>35.6</td> <td>49.1</td> <td>51.2</td> <td>192.0</td> <td>81.0</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>123.0</td> <td>123.0</td> <td>123.0</td> <td>123.0</td> <td>123.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>100.0</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>61.2</td> <td>67.5</td> <td>72.3</td> <td>74.8</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>61.2</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td colspan="14">Marketing month:</td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>47</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>28</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>21</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>15</td> <td>--</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>22</td> <td>--</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:														National Forest 16/	AM	--	--	--	9.0	12.0	93.0	95.0	88.0	82.0	--	--	Bureau of Land Management 16/	AM	--	--	--	--	--	--	--	--	--	--	--	Pasture rent/Lease 17/	AUM	--	--	--	--	28.0	13.0	10.0	12.0	48.0	20.0	--	State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--	Decid. rangeland 17/	AUM	--	--	--	--	112.8	30.9	35.6	49.1	51.2	192.0	81.0	Irrigated pasture 17/	AUM	--	--	--	--	123.0	123.0	123.0	123.0	123.0	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	100.0	--	Hay	Ton	61.2	67.5	72.3	74.8	--	--	--	--	--	--	61.2	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--	Marketing month:														Steer calves	Head	--	--	--	--	--	--	--	--	--	47	--	Heifer calves	Head	--	--	--	--	--	--	--	--	--	28	--	Yearling steers	Head	--	--	--	--	--	--	--	--	21	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	--	15	--	--	Cull cows	Head	--	--	--	--	--	--	--	--	22	--	--
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Table 241--Beef cow enterprises with 400 or more cows, Winema National Forest, Southwestern Oregon, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow
Production:							Cash costs--Continued						
Bred cows 1/	Head	1,375	--	--	--	--	Protein supplement 5/	Ton	--	--	--	--	--
Annual cow loss	Head	55	--	--	--	--	Grain	Bu	--	--	--	--	--
Cows culled	Head	193	--	--	--	--	Other feed	Ton	--	--	--	--	--
Calves born alive	Head	1,210	--	--	--	--	Salt and mineral	Cvt	481.0	--	6.63	3,189	2.32
Calves lost birth to weaning	Head	73	--	--	--	--	Veterinary & medicine	Dol	--	--	--	6,058	4.41
Steer calves weaned	Head	568	--	--	--	--	Hired trucking	Dol	--	--	--	3,675	2.67
Sold as weaners	Head	483	--	--	--	--	Marketing 6/	Dol	--	--	--	7,070	5.14
Lost after weaning	Head	2	--	--	--	--	General overhead 7/	Dol	--	--	--	17,933	13.01
Sold as yearlings	Head	83	--	--	--	--	Hired labor	Hrs	7,755.0	--	4.17	32,338	23.52
Heifer calves weaned	Head	569	--	--	--	--	Fuel and lubricants	Dol	--	--	--	5,755	4.19
Sold as weaners	Head	259	--	--	--	--	Repairs	Dol	--	--	--	9,581	6.97
Lost after weaning	Head	6	--	--	--	--	Taxes 8/	Dol	--	--	--	10,710	7.79
Sold as yearlings	Head	56	--	--	--	--	Insurance	Dol	--	--	--	5,712	4.15
Kept for herd replacement 2/	Head	248	--	--	--	--	Interest on operating capital 9/	Dol	107,239.0	--	0.15	16,086	11.70
Bulls	Head	69	--	--	--	--	Total cash costs	Dol	--	--	--	257,595	187.34
Sales:							Other costs:						
Steer calves	Head	483	460	65.44	145,395	--	Family labor 10/	Hrs	3,410.0	--	4.17	14,220	10.34
Heifer calves	Head	259	415	54.08	58,128	--	Capital replacement 11/	Dol	--	--	--	29,859	21.72
Yearling steers	Head	83	720	59.75	35,707	--	Interest on investment other than land 13/	Dol	--	--	--	119,602	86.98
Yearling heifers	Head	56	650	53.95	19,638	--	Interest on land 13/	Dol	--	--	--	521,588	379.34
Cull cows	Head	193	900	37.71	65,502	--	Total other costs	Dol	--	--	--	585,269	498.38
Total sales	Head	--	--	--	324,370	235.91	Total all costs	Dol	--	--	--	942,864	685.72
Cash costs:							Return above cash costs:						
Federal grazing fees 3/	AM	858.0	--	1.86	1,596	1.16	Return above cash costs and family labor	Dol	--	--	--	66,775	48.56
Private pasture lease	AUM	1,888.0	--	7.70	14,538	10.57	Return to total investment 14/	Dol	--	--	--	22,696	16.51
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-96,906	-70.48
State land lease	AUM	--	--	--	--	--							
Irrigated pasture	AUM	1,420.0	--	5.05	7,171	5.22							
Hay produced	Ton	1,084.1	--	37.17	40,296	29.31							
Hay purchased	Ton	1,084.1	--	70.00	75,887	55.19							
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Feed source:													
National Forest 16/	AM	--	--	--	--	--	132.0	165.0	179.0	149.0	21.0	--	--
Bureau of Land Management 16/	AM	--	--	--	--	35.0	93.0	47.0	37.0	--	--	--	--
Pasture rent/Lease 17/	AUM	--	--	--	--	360.0	280.0	300.0	308.0	320.0	320.0	--	--
State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--	--
Deeded rangeland 17/	AUM	336.0	392.0	410.0	88.0	1,509.6	--	--	--	--	--	--	--
Irrigated pasture 17/	AUM	--	--	--	--	233.0	253.0	292.0	311.0	331.0	--	--	--
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	411.0	617.0	--
Hay	Ton	390.4	420.4	456.6	600.6	--	--	--	--	--	--	--	300.2
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--
Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--	--
Marketing month:													
Steer calves	Head	--	--	--	--	--	--	--	--	--	--	483	--
Heifer calves	Head	--	--	--	--	--	--	--	--	--	--	259	--
Yearling steers	Head	--	--	--	--	--	--	--	--	--	83	--	--
Yearling heifers	Head	--	--	--	--	--	--	--	--	--	56	--	--
Cull cows	Head	--	--	--	--	--	--	--	--	--	193	--	--

Table 242--Beef cow enterprises of all sizes, Chattahoochee/Oconee National Forest, Northern Georgia, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow
Production:							Cash costs--Continued						
Bred cows 1/	Head	241	--	--	--	--	Protein supplement 5/	Ton	13.4	--	233.80	3,133	13.00
Annual cow loss	Head	10	--	--	--	--	Grain	Bu	--	--	--	--	--
Cows culled	Head	29	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--
Calves born alive	Head	224	--	--	--	--	Salt and mineral	Cwt	--	--	--	606	2.51
Calves lost birth to weaning	Head	11	--	--	--	--	Veterinary & medicine	Dol	--	--	--	2,948	12.23
Steer calves weaned	Head	106	--	--	--	--	Hired trucking	Dol	--	--	--	104	0.43
Sold as weaners	Head	73	--	--	--	--	Marketing 6/	Dol	--	--	--	659	2.73
Lost after weaning	Head	1	--	--	--	--	General overhead 7/	Dol	--	--	--	2,872	11.92
Sold as yearlings	Head	32	--	--	--	--	Hired labor	Hrs	993.0	--	3.34	3,317	13.76
Heifer calves weaned	Head	107	--	--	--	--	Fuel and lubricants	Dol	--	--	--	2,950	12.24
Sold as weaners	Head	46	--	--	--	--	Repairs	Dol	--	--	--	1,904	7.90
Lost after weaning	Head	2	--	--	--	--	Taxes 8/	Dol	--	--	--	2,720	11.29
Sold as yearlings	Head	20	--	--	--	--	Insurance	Dol	--	--	--	1,747	7.25
Kept for herd replacement 2/	Head	39	--	--	--	--	Interest on operating capital 9/	Dol	20,884.0	--	0.14	2,924	12.13
Bulls	Head	7	--	--	--	--	Total cash costs	Dol	--	--	--	47,087	195.38
Sales:							Other costs:						
Steer calves	Head	73	406	60.88	18,044	--	Family labor 10/	Hrs	2,979.0	--	3.34	9,950	41.29
Heifer calves	Head	46	380	52.50	9,177	--	Capital replacement 11/	Dol	--	--	--	5,436	22.56
Yearling steers	Head	32	750	57.70	13,848	--	Interest on investment other than land 13/	Dol	--	--	--	18,956	78.66
Yearling heifers	Head	20	650	51.50	6,695	--	Interest on land 13/	Dol	--	--	--	105,513	437.81
Cull cows	Head	29	994	40.50	11,675	--	Total other costs	Dol	--	--	--	139,855	580.31
Total sales	Dol	--	--	--	59,439	246.63	Total all costs	Dol	--	--	--	186,942	775.69
Cash costs:							Return above cash costs:						
Federal grazing fees 3/	AM	384.0	--	0.23	88	0.37	Return above cash costs and family labor	Dol	--	--	--	2,402	9.97
Private pasture lease	AUM	672.0	--	12.96	8,709	36.14	Return to total investment 14/	Dol	--	--	--	-3,034	-12.59
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-21,990	-91.24
State land lease	AUM	--	--	--	--	--							
Irrigated pasture	AUM	--	--	--	--	--							
Hay produced	Ton	155.7	--	38.32	5,966	24.76							
Hay purchased	Ton	83.8	--	76.85	6,440	26.72							
Feed source:													
National Forest 16/	AM	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
Bureau of Land Management 16/	AM	--	--	--	--	--	--	--	--	--	--	--	--
Pasture rent/lease 17/	AUM	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--	--
Deeded rangeland 17/	AUM	--	--	--	222.3	244.8	267.7	277.7	281.7	268.8	188.6	--	--
Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--
Hay	Ton	48.0	48.0	48.0	--	--	--	--	--	--	--	47.5	48.0
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--
Protein supplement	Ton	0.5	4.6	7.8	--	--	--	--	--	--	--	--	0.5
Marketing month:													
Steer calves	Head	--	--	--	--	--	--	--	--	73.0	--	--	--
Heifer calves	Head	--	--	--	--	--	--	--	--	46.0	--	--	--
Yearling steers	Head	--	--	--	--	32.0	--	--	--	--	--	--	--
Yearling heifers	Head	--	--	--	--	11.0	--	--	9.0	--	--	--	--
Cull cows	Head	--	--	--	--	--	--	--	29.0	--	--	--	--

Table 243--Beef cow enterprises of all sizes, Conecuh National Forest, Southern Alabama, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow
Production:							Cash costs--Continued						
Bred cows 1/	Head	68					Protein supplement 5/	Ton	5.1		230.00	1,173	17.25
Annual cow loss	Head	2					Grain	Bu					
Cows culled	Head	8					Miscellaneous	Ton					
Calves born alive	Head	54					Salt and mineral	Cwt	24.0		6.29	151	2.22
Calves lost birth to weaning	Head	3					Veterinary & medicine	Dol				426	6.26
Steer calves weaned	Head	25					Hired trucking	Dol				32	0.47
Sold as weaners	Head	13					Marketing 6/	Dol				567	8.34
Lost after weaning	Head						General overhead 7/	Dol				943	13.87
Sold as yearlings	Head	12					Hired labor	Hrs					
Heifer calves weaned	Head	26					Fuel and lubricants	Dol				1,428	21.00
Sold as weaners	Head	3					Repairs	Dol				859	12.63
Lost after weaning	Head						Taxes 8/	Dol				706	10.38
Sold as yearlings	Head	13					Insurance	Dol				510	7.50
Kept for herd replacement 2/	Head	10					Interest on operating capital 9/	Dol	4,886.0		0.15	733	10.78
Bulls	Head	3					Total cash costs	Dol				12,418	182.62
Sales:							Other costs:						
Steer calves	Head	13	375	63.50	3,096		Family labor 10/	Hrs	816.0		3.77	3,076	45.24
Heifer calves	Head	3	350	52.50	551		Capital replacement 11/	Dol				2,855	41.99
Yearling steers	Head	12	617	59.80	4,428		Interest on investment other than land 13/	Dol				6,775	99.63
Yearling heifers	Head	13	567	52.80	3,892		Interest on land 13/	Dol				38,553	566.96
Cull cows	Head	8	975	40.78	3,181		Total other costs	Dol				51,259	753.81
Total sales	Dol				15,148	222.76	Total all costs	Dol				63,677	936.43
Cash costs:							Return above cash costs:						
Federal grazing fees 3/	AM	231.0		0.23	53	0.78	Return above cash costs and family labor	Dol				2,730	40.15
Private pasture lease 4/	AUM						Return to total investment 14/	Dol				-3,201	-47.07
Other pasture lease 4/	AUM						Return to land 15/	Dol				-9,976	-146.71
State land lease	AUM												
Irrigated pasture	AUM												
Hay produced	Ton	18.0		38.32	690	10.15							
Hay purchased	Ton	54.0		76.80	4,147	60.99							
Feed source:													
National Forest 16/	AM	6.0	6.0	12.0	19.0	23.0	28.0	28.0	28.0	28.0	26.0	17.0	10.0
Bureau of Land Management 16/	AM												
Pasture rent/lease 17/	AUM												
State land lease	AUM												
Deeded rangeland 17/	AUM	35.4	43.8	49.7	86.3	88.6	88.1	91.1	93.1	90.8	23.5	22.4	31.4
Irrigated pasture 17/	AUM												
Crop residue 17/	AUM												
Hay	Ton	12.0	12.0	12.0							12.0	12.0	12.0
Grain	Bu												
Protein supplement	Ton	1.3	1.3									1.3	1.2
Marketing month:													
Steer calves	Head										13.0		
Heifer calves	Head										3.0		
Yearling steers	Head					12.0							
Yearling heifers	Head					13.0							
Cull cows	Head						8.0						

Table 244--Beef cow enterprises of all sizes, Desoto National Forest, Southeastern Mississippi, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow
Production:							Cash costs--Continued						
Bred cows 1/	Head	38	--	--	--	--	Protein supplement 5/	Ton	5.0	--	218.80	1,094	28.79
Annual cow loss	Head	1	--	--	--	--	Grain	Bu	--	--	--	--	--
Cows culled	Head	6	--	--	--	--	Corn Silage	Ton	--	--	--	--	--
Calves born alive	Head	32	--	--	--	--	Salt and mineral	Cwt	13.3	--	6.25	83	2.18
Calves lost birth to weaning	Head	1	--	--	--	--	Veterinary & medicine	Dol	--	--	--	229	6.03
Steer calves weaned	Head	15	--	--	--	--	Hired trucking	Dol	--	--	--	43	1.13
Sold as weaners	Head	15	--	--	--	--	Marketing 6/	Dol	--	--	--	266	7.00
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	Dol	--	--	--	477	12.55
Sold as yearlings	Head	--	--	--	--	--	Hired labor	Hrs	--	--	--	--	--
Heifer calves weaned	Head	16	--	--	--	--	Fuel and lubricants	Dol	--	--	--	845	22.24
Sold as weaners	Head	7	--	--	--	--	Repairs	Dol	--	--	--	518	13.63
Lost after weaning	Head	--	--	--	--	--	Taxes 8/	Dol	--	--	--	113	2.97
Sold as yearlings	Head	2	--	--	--	--	Insurance	Dol	--	--	--	309	8.13
Kept for herd replacement 2/	Head	7	--	--	--	--	Interest on operating capital 9/	Dol	2,510.73	--	0.15	382	10.05
Bulls	Head	2	--	--	--	--	Total cash costs	Dol	--	--	--	5,563	146.39
Sales:							Other costs:						
Steer calves	Head	15	300	65.58	2,951	--	Family labor 10/	Hrs	555.0	--	3.80	2,109	55.50
Heifer calves	Head	7	263	54.36	1,001	--	Capital replacement 11/	Dol	--	--	--	1,720	45.26
Yearling steers	Head	--	--	--	--	--	Interest on investment other than land 13/	Dol	--	--	--	4,053	106.66
Yearling heifers	Head	2	500	63.94	639	--	Interest on land 13/	Dol	--	--	--	2,578	67.84
Cull cows	Head	6	675	39.71	1,608	--	Total other costs	Dol	--	--	--	10,460	275.26
Total sales	Dol	--	--	--	6,199	163.13	Total all costs	Dol	--	--	--	16,023	421.66
Cash costs:							Return above cash costs:						
Federal grazing fees 3/	AM	223.0	--	0.23	51	1.34	Return above cash costs and family labor	Dol	--	--	--	636	16.74
Private pasture lease	AUM	--	--	--	--	--	Return to total investment 14/	Dol	--	--	--	-1,473	-38.76
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-3,193	-84.03
State land lease	AUM	--	--	--	--	--							
Irrigated pasture	AUM	--	--	--	--	--							
Hay produced	Ton	10.5	--	38.33	402	10.58							
Hay purchased	Ton	10.5	--	71.54	751	19.76							
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Feed source:													
National Forest 16/	AM	11.0	11.0	12.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	14.0	14.0
Bureau of Land Management 16/	AM	--	--	--	--	--	--	--	--	--	--	--	--
Pasture rent/lease 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--
State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--	--
Deeded rangeland 17/	AUM	1.1	5.0	6.7	19.1	21.8	20.8	20.8	21.8	23.8	17.8	18.1	8.1
Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--
Hay	Ton	6.0	6.0	6.0	--	--	--	--	--	--	--	--	3.0
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--
Protein supplement	Ton	1.0	1.0	1.0	--	--	--	--	--	--	--	1.0	1.0
Marketing month:													
Steer calves	Head	--	--	--	--	--	--	--	--	--	15.0	--	--
Heifer calves	Head	--	--	--	--	--	--	--	--	--	7.0	--	--
Yearling steers	Head	--	--	--	--	--	--	--	--	--	--	--	--
Yearling heifers	Head	--	--	--	--	--	--	--	--	2.0	--	--	--
Cull cows	Head	--	--	--	--	--	--	--	--	6.0	--	--	--

Table 245--Beef cow enterprises of all sizes, Jefferson National Forest, Southwest Virginia, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																										
Production:							Cash costs--Continued:																																																																																																																																																																																																																																																
Bred cows 1/	Head	72	--	--	--	--	Protein supplement 5/	Ton	6.6	--	243.80	1,609	22.35																																																																																																																																																																																																																																										
Annual cow loss	Head	1	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																										
Cows culled	Head	6	--	--	--	--	Corn Silage	Ton	--	--	--	--	--																																																																																																																																																																																																																																										
Calves born alive	Head	64	--	--	--	--	Salt and mineral	Cwt	25.2	--	7.86	198	2.75																																																																																																																																																																																																																																										
Calves lost birth to weaning	Head	4	--	--	--	--	Veterinary & medicine	Dol	--	--	--	451	6.26																																																																																																																																																																																																																																										
Steer calves weaned	Head	30	--	--	--	--	Hired trucking	Dol	--	--	--	32	0.44																																																																																																																																																																																																																																										
Sold as weaners	Head	19	--	--	--	--	Marketing 6/	Dol	--	--	--	600	8.33																																																																																																																																																																																																																																										
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	Dol	--	--	--	999	13.88																																																																																																																																																																																																																																										
Sold as yearlings	Head	11	--	--	--	--	Hired labor	Hrs	--	--	--	--	--																																																																																																																																																																																																																																										
Heifer calves weaned	Head	30	--	--	--	--	Fuel and lubricants	Dol	--	--	--	1,561	21.68																																																																																																																																																																																																																																										
Sold as weaners	Head	14	--	--	--	--	Repairs	Dol	--	--	--	894	12.42																																																																																																																																																																																																																																										
Lost after weaning	Head	--	--	--	--	--	Taxes 8/	Dol	--	--	--	893	12.40																																																																																																																																																																																																																																										
Sold as yearlings	Head	9	--	--	--	--	Insurance	Dol	--	--	--	1,230	17.08																																																																																																																																																																																																																																										
Kept for herd replacement 2/	Head	7	--	--	--	--	Interest on operating capital 9/	Dol	6,783.88	--	0.15	1,011	14.04																																																																																																																																																																																																																																										
Bulls	Head	3	--	--	--	--	Total cash costs	Dol	--	--	--	17,787	247.04																																																																																																																																																																																																																																										
Sales:							Other costs:																																																																																																																																																																																																																																																
Steer calves	Head	19	425	62.73	5,065	--	Family labor 10/	Hrs	864.0	--	3.81	3,292	45.72																																																																																																																																																																																																																																										
Heifer calves	Head	14	375	54.36	2,854	--	Capital replacement 11/	Dol	--	--	--	2,770	38.47																																																																																																																																																																																																																																										
Yearling steers	Head	11	650	59.68	4,267	--	Interest on investment other than land 13/	Dol	--	--	--	6,779	94.15																																																																																																																																																																																																																																										
Yearling heifers	Head	9	600	50.26	2,714	--	Interest on land 13/	Dol	--	--	--	46,582	646.97																																																																																																																																																																																																																																										
Cull cows	Head	6	850	37.71	1,923	--	Total other costs	Dol	--	--	--	59,423	825.32																																																																																																																																																																																																																																										
Total sales	Dol	--	--	--	16,823	233.65	Total all costs	Dol	--	--	--	77,210	1072.36																																																																																																																																																																																																																																										
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																
Federal grazing fees 3/	AM	138.0	--	1.02	141	1.96	Return above cash costs and family labor	Dol	--	--	--	-964	-13.39																																																																																																																																																																																																																																										
Private pasture lease	AUM	222.2	--	8.77	1,949	27.07	Return to total investment 14/	Dol	--	--	--	-7,026	-97.58																																																																																																																																																																																																																																										
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-13,805	-191.74																																																																																																																																																																																																																																										
State land lease	AUM	--	--	--	--	--																																																																																																																																																																																																																																																	
Irrigated pasture	AUM	--	--	--	--	--																																																																																																																																																																																																																																																	
Hay produced	Ton	122.5	--	41.28	5,507	70.24																																																																																																																																																																																																																																																	
Hay purchased	Ton	13.6	--	52.32	712	9.89																																																																																																																																																																																																																																																	
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td>Feed source:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>1.0</td> <td>23.0</td> <td>24.0</td> <td>24.0</td> <td>23.0</td> <td>17.0</td> <td>2.0</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>27.8</td> <td>27.8</td> <td>27.8</td> <td>27.8</td> <td>27.8</td> <td>27.8</td> <td>27.6</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>28.1</td> <td>61.8</td> <td>67.2</td> <td>69.2</td> <td>63.8</td> <td>49.1</td> <td>12.3</td> <td>--</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>25.0</td> <td>27.7</td> <td>29.8</td> <td>16.6</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>12.0</td> <td>25.0</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>1.0</td> <td>1.0</td> <td>1.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>1.0</td> <td>1.0</td> <td>1.0</td> <td>0.6</td> </tr> <tr> <td>Marketing month:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>19.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>14.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>11.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>9.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>6.0</td> <td>--</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:													National Forest 16/	AM	--	--	--	1.0	23.0	24.0	24.0	23.0	17.0	2.0	--	Bureau of Land Management 16/	AM	--	--	--	--	--	--	--	--	--	--	--	Pasture rent/lease 17/	AUM	--	--	--	27.8	27.8	27.8	27.8	27.8	27.8	27.6	--	State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--	Deeded rangeland 17/	AUM	--	--	--	28.1	61.8	67.2	69.2	63.8	49.1	12.3	--	Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	Hay	Ton	25.0	27.7	29.8	16.6	--	--	--	--	--	12.0	25.0	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	1.0	1.0	1.0	--	--	--	--	1.0	1.0	1.0	0.6	Marketing month:													Steer calves	Head	--	--	--	--	--	--	--	--	19.0	--	--	Heifer calves	Head	--	--	--	--	--	--	--	--	14.0	--	--	Yearling steers	Head	--	--	--	--	--	--	--	--	11.0	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	--	9.0	--	--	Cull cows	Head	--	--	--	--	--	--	--	--	6.0	--	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																											
Feed source:																																																																																																																																																																																																																																																							
National Forest 16/	AM	--	--	--	1.0	23.0	24.0	24.0	23.0	17.0	2.0	--																																																																																																																																																																																																																																											
Bureau of Land Management 16/	AM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Pasture rent/lease 17/	AUM	--	--	--	27.8	27.8	27.8	27.8	27.8	27.8	27.6	--																																																																																																																																																																																																																																											
State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Deeded rangeland 17/	AUM	--	--	--	28.1	61.8	67.2	69.2	63.8	49.1	12.3	--																																																																																																																																																																																																																																											
Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Hay	Ton	25.0	27.7	29.8	16.6	--	--	--	--	--	12.0	25.0																																																																																																																																																																																																																																											
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Protein supplement	Ton	1.0	1.0	1.0	--	--	--	--	1.0	1.0	1.0	0.6																																																																																																																																																																																																																																											
Marketing month:																																																																																																																																																																																																																																																							
Steer calves	Head	--	--	--	--	--	--	--	--	19.0	--	--																																																																																																																																																																																																																																											
Heifer calves	Head	--	--	--	--	--	--	--	--	14.0	--	--																																																																																																																																																																																																																																											
Yearling steers	Head	--	--	--	--	--	--	--	--	11.0	--	--																																																																																																																																																																																																																																											
Yearling heifers	Head	--	--	--	--	--	--	--	--	9.0	--	--																																																																																																																																																																																																																																											
Cull cows	Head	--	--	--	--	--	--	--	--	6.0	--	--																																																																																																																																																																																																																																											

Table 246--Beef cow enterprises of all sizes, Kisatchie National Forest, Central Louisiana, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																												
Production:							Cash costs--Continued																																																																																																																																																																																																																																																		
Bred cows 1/	Head	52	--	--	--	--	Protein supplement 5/	Ton	0.5	--	242.60	121	2.33																																																																																																																																																																																																																																												
Annual cow loss	Head	2	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																												
Cows culled	Head	4	--	--	--	--	Corn Silage	Ton	--	--	--	--	--																																																																																																																																																																																																																																												
Calves born alive	Head	43	--	--	--	--	Salt and mineral	Cwt	18.2	--	6.49	118	2.27																																																																																																																																																																																																																																												
Calves lost birth to weaning	Head	2	--	--	--	--	Veterinary & medicine	Dol	--	--	--	201	3.87																																																																																																																																																																																																																																												
Steer calves weaned	Head	20	--	--	--	--	Hired trucking	Dol	--	--	--	61	1.17																																																																																																																																																																																																																																												
Sold as weaners	Head	19	--	--	--	--	Marketing 6/	Dol	--	--	--	379	7.29																																																																																																																																																																																																																																												
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	Dol	--	--	--	229	4.40																																																																																																																																																																																																																																												
Sold as yearlings	Head	1	--	--	--	--	Hired labor	Hrs	--	--	--	--	--																																																																																																																																																																																																																																												
Heifer calves weaned	Head	21	--	--	--	--	Fuel and lubricants	Dol	--	--	--	1,425	27.40																																																																																																																																																																																																																																												
Sold as weaners	Head	13	--	--	--	--	Repairs	Dol	--	--	--	895	17.21																																																																																																																																																																																																																																												
Lost after weaning	Head	--	--	--	--	--	Taxes 8/	Dol	--	--	--	316	6.08																																																																																																																																																																																																																																												
Sold as yearlings	Head	2	--	--	--	--	Insurance	Dol	--	--	--	394	7.58																																																																																																																																																																																																																																												
Kept for herd replacement 2/	Head	6	--	--	--	--	Interest on operating capital 9/	Dol	1,204.72	--	0.15	183	3.52																																																																																																																																																																																																																																												
Bulls	Head	2	--	--	--	--	Total cash costs	Dol	--	--	--	5,066	97.42																																																																																																																																																																																																																																												
Sales:							Other costs:																																																																																																																																																																																																																																																		
Steer calves	Head	19	397	67.50	5,092	--	Family labor 10/	Hrs	412.0	--	3.80	1,566	30.12																																																																																																																																																																																																																																												
Heifer calves	Head	13	380	54.38	2,686	--	Capital replacement 11/	Dol	--	--	--	2,112	40.62																																																																																																																																																																																																																																												
Yearling steers	Head	1	600	62.30	374	--	Interest on investment other than land 13/	Dol	--	--	--	5,174	99.50																																																																																																																																																																																																																																												
Yearling heifers	Head	2	650	53.88	700	--	Interest on land 13/	Dol	--	--	--	10,996	211.46																																																																																																																																																																																																																																												
Cull cows	Head	4	716	39.71	1,137	--	Total other costs	Dol	--	--	--	19,848	381.69																																																																																																																																																																																																																																												
Total sales	Dol	--	--	--	9,989	192.10	Total all costs	Dol	--	--	--	24,914	479.12																																																																																																																																																																																																																																												
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																		
Federal grazing fees 3/	AM	340.0	--	0.23	78	1.50	Return above cash costs and family labor investment 14/	Dol	--	--	--	4,923	94.67																																																																																																																																																																																																																																												
Private pasture lease	AUM	129.0	--	4.42	570	10.97	Return to land 15/	Dol	--	--	--	3,357	64.56																																																																																																																																																																																																																																												
Other pasture lease 4/	AUM	--	--	--	--	--					--	--	--																																																																																																																																																																																																																																												
State land lease	AUM	--	--	--	--	--					--	--	--																																																																																																																																																																																																																																												
Irrigated pasture	AUM	--	--	--	--	--					--	--	--																																																																																																																																																																																																																																												
Hay produced	Ton	2.5	--	38.33	96	1.85					--	--	--																																																																																																																																																																																																																																												
Hay purchased	Ton	--	--	--	--	--					--	--	--																																																																																																																																																																																																																																												
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td colspan="14">Feed source:</td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>19.0</td> <td>19.0</td> <td>26.0</td> <td>32.0</td> <td>34.0</td> <td>34.0</td> <td>34.0</td> <td>33.0</td> <td>32.0</td> <td>23.0</td> <td>20.0</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>11.0</td> <td>11.0</td> <td>10.0</td> <td>10.0</td> <td>10.0</td> <td>11.0</td> <td>11.0</td> <td>11.0</td> <td>11.0</td> <td>11.0</td> <td>11.0</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>26.6</td> <td>29.7</td> <td>25.4</td> <td>23.4</td> <td>14.8</td> <td>25.8</td> <td>26.8</td> <td>27.2</td> <td>21.6</td> <td>21.6</td> <td>25.6</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>0.5</td> <td>0.5</td> <td>0.5</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>0.5</td> <td>0.5</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>0.1</td> <td>0.1</td> <td>0.1</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>0.1</td> <td>0.1</td> </tr> <tr> <td colspan="14">Marketing month:</td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>19.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>13.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>1.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>2.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>4.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:														National Forest 16/	AM	19.0	19.0	26.0	32.0	34.0	34.0	34.0	33.0	32.0	23.0	20.0	Bureau of Land Management 16/	AM	--	--	--	--	--	--	--	--	--	--	--	Pasture rent/lease 17/	AUM	11.0	11.0	10.0	10.0	10.0	11.0	11.0	11.0	11.0	11.0	11.0	State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--	Deeded rangeland 17/	AUM	26.6	29.7	25.4	23.4	14.8	25.8	26.8	27.2	21.6	21.6	25.6	Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	Hay	Ton	0.5	0.5	0.5	--	--	--	--	--	--	0.5	0.5	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	0.1	0.1	0.1	--	--	--	--	--	--	0.1	0.1	Marketing month:														Steer calves	Head	--	--	--	--	--	--	--	19.0	--	--	--	Heifer calves	Head	--	--	--	--	--	--	--	13.0	--	--	--	Yearling steers	Head	--	--	--	--	--	--	--	1.0	--	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	2.0	--	--	--	Cull cows	Head	--	--	--	--	--	--	--	4.0	--	--	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																													
Feed source:																																																																																																																																																																																																																																																									
National Forest 16/	AM	19.0	19.0	26.0	32.0	34.0	34.0	34.0	33.0	32.0	23.0	20.0																																																																																																																																																																																																																																													
Bureau of Land Management 16/	AM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Pasture rent/lease 17/	AUM	11.0	11.0	10.0	10.0	10.0	11.0	11.0	11.0	11.0	11.0	11.0																																																																																																																																																																																																																																													
State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Deeded rangeland 17/	AUM	26.6	29.7	25.4	23.4	14.8	25.8	26.8	27.2	21.6	21.6	25.6																																																																																																																																																																																																																																													
Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Hay	Ton	0.5	0.5	0.5	--	--	--	--	--	--	0.5	0.5																																																																																																																																																																																																																																													
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Protein supplement	Ton	0.1	0.1	0.1	--	--	--	--	--	--	0.1	0.1																																																																																																																																																																																																																																													
Marketing month:																																																																																																																																																																																																																																																									
Steer calves	Head	--	--	--	--	--	--	--	19.0	--	--	--																																																																																																																																																																																																																																													
Heifer calves	Head	--	--	--	--	--	--	--	13.0	--	--	--																																																																																																																																																																																																																																													
Yearling steers	Head	--	--	--	--	--	--	--	1.0	--	--	--																																																																																																																																																																																																																																													
Yearling heifers	Head	--	--	--	--	--	--	--	2.0	--	--	--																																																																																																																																																																																																																																													
Cull cows	Head	--	--	--	--	--	--	--	4.0	--	--	--																																																																																																																																																																																																																																													

Table 247--Beef cow enterprises of all sizes, Monogahela National Forest, Eastern West Virginia, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																																											
Production:							Cash costs--Continued																																																																																																																																																																																																																																																																	
Bred cows 1/	Head	58	--	--	--	--	Protein supplement 5/	Ton	5.6	--	243.80	1,365	23.53																																																																																																																																																																																																																																																											
Annual cow loss	Head	2	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																																											
Cows culled	Head	7	--	--	--	--	Corn Silage	Ton	--	--	--	--	--																																																																																																																																																																																																																																																											
Calves born alive	Head	53	--	--	--	--	Salt and mineral	Cwt	20.3	--	7.83	159	2.74																																																																																																																																																																																																																																																											
Calves lost birth to weaning	Head	2	--	--	--	--	Veterinary & medicine	DoI	--	--	--	313	5.40																																																																																																																																																																																																																																																											
Steer calves weaned	Head	25	--	--	--	--	Hired trucking	DoI	--	--	--	109	1.88																																																																																																																																																																																																																																																											
Sold as weaners	Head	13	--	--	--	--	Marketing 6/	DoI	--	--	--	229	3.95																																																																																																																																																																																																																																																											
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	DoI	--	--	--	900	15.52																																																																																																																																																																																																																																																											
Sold as yearlings	Head	12	--	--	--	--	Hired labor	Hrs	--	--	--	--	--																																																																																																																																																																																																																																																											
Heifer calves weaned	Head	26	--	--	--	--	Fuel and lubricants	DoI	--	--	--	1,707	29.43																																																																																																																																																																																																																																																											
Sold as weaners	Head	15	--	--	--	--	Repairs	DoI	--	--	--	1,097	18.91																																																																																																																																																																																																																																																											
Lost after weaning	Head	--	--	--	--	--	Taxes 8/	DoI	--	--	--	188	3.24																																																																																																																																																																																																																																																											
Sold as yearlings	Head	2	--	--	--	--	Insurance	DoI	--	--	--	299	5.16																																																																																																																																																																																																																																																											
Kept for herd replacement 2/	Head	9	--	--	--	--	Interest on operating capital 9/	DoI	5,831.21	--	0.15	869	14.98																																																																																																																																																																																																																																																											
Bulls	Head	2	--	--	--	--	Total cash costs	DoI	--	--	--	13,536	233.38																																																																																																																																																																																																																																																											
Sales:							Other costs:																																																																																																																																																																																																																																																																	
Steer calves	Head	13	450	62.73	3,670	--	Family labor 10/	Hrs	1,150.0	--	2.72	3,128	53.93																																																																																																																																																																																																																																																											
Heifer calves	Head	15	400	50.20	3,012	--	Capital replacement 11/	DoI	--	--	--	2,056	35.45																																																																																																																																																																																																																																																											
Yearling steers	Head	12	750	57.96	5,216	--	Interest on investment other than land 13/	DoI	--	--	--	5,663	97.64																																																																																																																																																																																																																																																											
Yearling heifers	Head	2	725	50.26	729	--	Interest on land 13/	DoI	--	--	--	6,523	112.47																																																																																																																																																																																																																																																											
Cull cows	Head	7	975	37.71	2,574	--	Total other costs	DoI	--	--	--	17,370	299.48																																																																																																																																																																																																																																																											
Total sales	DoI	--	--	--	15,201	262.09	Total all costs	DoI	--	--	--	30,906	532.86																																																																																																																																																																																																																																																											
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																																	
Federal grazing fees 3/	AM	147.0	--	1.03	151	2.60	Return above cash costs and family labor	DoI	--	--	--	1,665	28.71																																																																																																																																																																																																																																																											
Private pasture lease	AUM	108.0	--	4.55	491	8.47	Return to total investment 14/	DoI	--	--	--	-3,519	-60.67																																																																																																																																																																																																																																																											
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	DoI	--	--	--	-9,182	-158.31																																																																																																																																																																																																																																																											
State land lease	AUM	--	--	--	--	--																																																																																																																																																																																																																																																																		
Irrigated pasture	AUM	--	--	--	--	--																																																																																																																																																																																																																																																																		
Hay produced	Ton	137.1	--	41.28	5,659	97.57																																																																																																																																																																																																																																																																		
Hay purchased	Ton	--	--	--	--	--																																																																																																																																																																																																																																																																		
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td colspan="14">Feed source:</td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>15.0</td> <td>27.0</td> <td>27.0</td> <td>26.0</td> <td>27.0</td> <td>21.0</td> <td>4.0</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>18.0</td> <td>18.0</td> <td>18.0</td> <td>18.0</td> <td>18.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>9.0</td> <td>18.4</td> <td>47.3</td> <td>49.3</td> <td>51.8</td> <td>44.9</td> <td>33.1</td> <td>21.0</td> <td>--</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>20.4</td> <td>22.8</td> <td>24.6</td> <td>24.6</td> <td>12.3</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>12.3</td> <td>20.1</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>0.8</td> <td>0.8</td> <td>0.8</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>0.8</td> <td>0.8</td> <td>0.8</td> <td>0.8</td> <td>0.8</td> </tr> <tr> <td colspan="14">Marketing month:</td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>13.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>15.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>12.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>2.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>7.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:														National Forest 16/	AM	--	--	--	--	15.0	27.0	27.0	26.0	27.0	21.0	4.0	--	Bureau of Land Management 16/	AM	--	--	--	--	--	--	--	--	--	--	--	--	Pasture rent/lease 17/	AUM	--	--	--	--	18.0	18.0	18.0	18.0	18.0	--	--	--	State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--	--	Deeded rangeland 17/	AUM	--	--	--	9.0	18.4	47.3	49.3	51.8	44.9	33.1	21.0	--	Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--	Hay	Ton	20.4	22.8	24.6	24.6	12.3	--	--	--	--	--	12.3	20.1	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	0.8	0.8	0.8	--	--	--	--	0.8	0.8	0.8	0.8	0.8	Marketing month:														Steer calves	Head	--	--	--	--	--	--	--	--	13.0	--	--	--	Heifer calves	Head	--	--	--	--	--	--	--	--	15.0	--	--	--	Yearling steers	Head	--	--	--	--	--	--	--	--	12.0	--	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	--	2.0	--	--	--	Cull cows	Head	--	--	--	--	--	--	--	--	7.0	--	--	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																																												
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Pasture rent/lease 17/	AUM	--	--	--	--	18.0	18.0	18.0	18.0	18.0	--	--	--																																																																																																																																																																																																																																																											
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Hay	Ton	20.4	22.8	24.6	24.6	12.3	--	--	--	--	--	12.3	20.1																																																																																																																																																																																																																																																											
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																											
Protein supplement	Ton	0.8	0.8	0.8	--	--	--	--	0.8	0.8	0.8	0.8	0.8																																																																																																																																																																																																																																																											
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Cull cows	Head	--	--	--	--	--	--	--	--	7.0	--	--	--																																																																																																																																																																																																																																																											

Table 248—Beef cow enterprises of all sizes, Osceola National Forest, Northern Florida, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																										
Production:							Cash costs--Continued																																																																																																																																																																																																																																																
Bred cows 1/	Head	296	--	--	--	--	Protein supplement 5/	Ton	14.8	--	243.80	3,608	12.19																																																																																																																																																																																																																																										
Annual cow loss	Head	15	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																										
Cows culled	Head	21	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--																																																																																																																																																																																																																																										
Calves born alive	Head	169	--	--	--	--	Salt and mineral	Cwt	103.6	--	5.98	620	2.09																																																																																																																																																																																																																																										
Calves lost birth to weaning	Head	12	--	--	--	--	Veterinary & medicine	Dol	--	--	--	--	--																																																																																																																																																																																																																																										
Steer calves weaned	Head	78	--	--	--	--	Hired trucking	Dol	--	--	--	86	0.29																																																																																																																																																																																																																																										
Sold as weaners	Head	78	--	--	--	--	Marketing 6/	Dol	--	--	--	1,261	4.26																																																																																																																																																																																																																																										
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	Dol	--	--	--	2,952	9.97																																																																																																																																																																																																																																										
Sold as yearlings	Head	--	--	--	--	--	Hired labor	Hrs	613.0	--	4.43	2,716	9.18																																																																																																																																																																																																																																										
Heifer calves weaned	Head	79	--	--	--	--	Fuel and lubricants	Dol	--	--	--	612	2.07																																																																																																																																																																																																																																										
Sold as weaners	Head	40	--	--	--	--	Repairs	Dol	--	--	--	773	2.61																																																																																																																																																																																																																																										
Lost after weaning	Head	1	--	--	--	--	Taxes 8/	Dol	--	--	--	1,047	3.54																																																																																																																																																																																																																																										
Sold as yearlings	Head	2	--	--	--	--	Insurance	Dol	--	--	--	2,093	7.07																																																																																																																																																																																																																																										
Kept for herd replacement 2/	Head	36	--	--	--	--	Interest on operating capital 9/	Dol	6,091.0	--	0.14	853	2.88																																																																																																																																																																																																																																										
Bulls	Head	14	--	--	--	--	Total cash costs	Dol	--	--	--	19,703	66.56																																																																																																																																																																																																																																										
Sales:							Other costs:																																																																																																																																																																																																																																																
Steer calves	Head	78	240	63.50	11,887	--	Family labor 10/	Hrs	959.0	--	4.43	4,248	14.35																																																																																																																																																																																																																																										
Heifer calves	Head	40	220	52.50	4,620	--	Capital replacement 11/	Dol	--	--	--	4,899	16.55																																																																																																																																																																																																																																										
Yearling steers	Head	--	--	--	--	--	Interest on investment other than land 13/	Dol	--	--	--	21,852	73.82																																																																																																																																																																																																																																										
Yearling heifers	Head	2	540	49.20	531	--	Interest on land 13/	Dol	--	--	--	36,274	122.55																																																																																																																																																																																																																																										
Cull cows	Head	21	600	37.71	4,751	--	Total other costs	Dol	--	--	--	67,273	227.27																																																																																																																																																																																																																																										
Total sales	Dol	--	--	--	21,789	73.61	Total all costs	Dol	--	--	--	86,976	293.84																																																																																																																																																																																																																																										
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																
Federal grazing fees 3/	AM	2,856.0	--	0.48	1,371	4.63	Return above cash costs and family labor	Dol	--	--	--	-2,162	-7.30																																																																																																																																																																																																																																										
Private pasture lease	AUM	132.0	--	12.96	1,711	5.78	Return to total investment 14/	Dol	--	--	--	-7,061	-23.85																																																																																																																																																																																																																																										
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-28,913	-97.68																																																																																																																																																																																																																																										
State land lease	AUM	--	--	--	--	--																																																																																																																																																																																																																																																	
Irrigated pasture	AUM	--	--	--	--	--																																																																																																																																																																																																																																																	
Hay produced	Ton	--	--	--	--	--																																																																																																																																																																																																																																																	
Hay purchased	Ton	--	--	--	--	--																																																																																																																																																																																																																																																	
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td>Feed source:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>National Forest 16/</td> <td>238.0</td> <td>238.0</td> <td>238.0</td> <td>238.0</td> <td>238.0</td> <td>238.0</td> <td>238.0</td> <td>238.0</td> <td>238.0</td> <td>238.0</td> <td>238.0</td> <td>238.0</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>11.0</td> <td>11.0</td> <td>11.0</td> <td>11.0</td> <td>11.0</td> <td>11.0</td> <td>11.0</td> <td>11.0</td> <td>11.0</td> <td>11.0</td> <td>11.0</td> <td>11.0</td> </tr> <tr> <td>State land lease</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>61.6</td> <td>69.9</td> <td>94.1</td> <td>102.7</td> <td>119.7</td> <td>129.9</td> <td>133.9</td> <td>135.9</td> <td>128.7</td> <td>97.4</td> <td>59.6</td> <td>161.6</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Grain</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>3.7</td> <td>3.7</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>3.7</td> <td>3.7</td> </tr> <tr> <td>Marketing month:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Steer calves</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>78.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>40.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>2.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>21.0</td> <td>--</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:													National Forest 16/	238.0	238.0	238.0	238.0	238.0	238.0	238.0	238.0	238.0	238.0	238.0	238.0	Bureau of Land Management 16/	--	--	--	--	--	--	--	--	--	--	--	--	Pasture rent/lease 17/	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	State land lease	--	--	--	--	--	--	--	--	--	--	--	--	Deeded rangeland 17/	61.6	69.9	94.1	102.7	119.7	129.9	133.9	135.9	128.7	97.4	59.6	161.6	Irrigated pasture 17/	--	--	--	--	--	--	--	--	--	--	--	--	Crop residue 17/	--	--	--	--	--	--	--	--	--	--	--	--	Hay	--	--	--	--	--	--	--	--	--	--	--	--	Grain	--	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	3.7	3.7	--	--	--	--	--	--	--	--	3.7	3.7	Marketing month:													Steer calves	--	--	--	--	--	--	--	--	78.0	--	--	--	Heifer calves	--	--	--	--	--	--	--	--	40.0	--	--	--	Yearling steers	--	--	--	--	--	--	--	--	--	--	--	--	Yearling heifers	--	--	--	--	--	--	--	--	--	2.0	--	--	Cull cows	--	--	--	--	--	--	--	--	--	21.0	--	--
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Protein supplement	3.7	3.7	--	--	--	--	--	--	--	--	3.7	3.7																																																																																																																																																																																																																																											
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Cull cows	--	--	--	--	--	--	--	--	--	21.0	--	--																																																																																																																																																																																																																																											

Table 249--Beef cow enterprises of all sizes, Ouachita National Forest, West-Central Arkansas, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																										
Production:							Cash costs--Continued																																																																																																																																																																																																																																																
Bred cows 1/	Head	49	--	--	--	--	Protein supplement 5/	Ton	4.3	--	202.60	871	17.78																																																																																																																																																																																																																																										
Annual cow loss	Head	1	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																										
Cows culled	Head	5	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--																																																																																																																																																																																																																																										
Calves born alive	Head	41	--	--	--	--	Salt and mineral	Cwt	17.2	--	4.73	81	1.65																																																																																																																																																																																																																																										
Calves lost birth to weaning	Head	2	--	--	--	--	Veterinary & medicine	DoI	--	--	--	189	3.86																																																																																																																																																																																																																																										
Steer calves weaned	Head	19	--	--	--	--	Hired trucking	DoI	--	--	--	57	1.16																																																																																																																																																																																																																																										
Sold as weaners	Head	18	--	--	--	--	Marketing 6/	DoI	--	--	--	356	7.27																																																																																																																																																																																																																																										
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	DoI	--	--	--	781	15.94																																																																																																																																																																																																																																										
Sold as yearlings	Head	1	--	--	--	--	Hired labor	Hrs	--	--	--	--	--																																																																																																																																																																																																																																										
Heifer calves weaned	Head	20	--	--	--	--	Fuel and lubricants	DoI	--	--	--	988	20.16																																																																																																																																																																																																																																										
Sold as weaners	Head	11	--	--	--	--	Repairs	DoI	--	--	--	684	13.96																																																																																																																																																																																																																																										
Lost after weaning	Head	--	--	--	--	--	Taxes 8/	DoI	--	--	--	436	8.90																																																																																																																																																																																																																																										
Sold as yearlings	Head	3	--	--	--	--	Insurance	DoI	--	--	--	358	7.31																																																																																																																																																																																																																																										
Kept for herd replacement 2/	Head	6	--	--	--	--	Interest on operating capital 9/	DoI	2,813.0	--	0.15	422	8.61																																																																																																																																																																																																																																										
Bulls	Head	2	--	--	--	--	Total cash costs	DoI	--	--	--	7,787	158.92																																																																																																																																																																																																																																										
Sales:							Other costs:																																																																																																																																																																																																																																																
Steer calves	Head	18	410	66.16	4,883	--	Family labor 10/	Hrs	1,049.0	--	3.77	3,955	80.71																																																																																																																																																																																																																																										
Heifer calves	Head	11	381	54.38	2,279	--	Capital replacement 11/	DoI	--	--	--	2,112	43.10																																																																																																																																																																																																																																										
Yearling steers	Head	1	625	62.68	392	--	Interest on investment other than land 13/	DoI	--	--	--	4,776	97.47																																																																																																																																																																																																																																										
Yearling heifers	Head	3	560	56.09	942	--	Interest on land 13/	DoI	--	--	--	26,986	550.73																																																																																																																																																																																																																																										
Cull cows	Head	5	812	40.66	1,651	--	Total other costs	DoI	--	--	--	37,829	772.02																																																																																																																																																																																																																																										
Total sales	DoI	--	--	--	10,147	207.08	Total all costs	DoI	--	--	--	45,616	930.94																																																																																																																																																																																																																																										
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																
Federal grazing fees 3/	AM	163.0	--	0.23	37	0.76	Return above cash costs and family labor	DoI	--	--	--	-1,595	-32.55																																																																																																																																																																																																																																										
Private pasture lease	AUM	48.0	--	0.28	13	0.27	Return to total investment 14/	DoI	--	--	--	-3,707	-75.65																																																																																																																																																																																																																																										
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	DoI	--	--	--	-8,483	-173.12																																																																																																																																																																																																																																										
State land lease	AUM	--	--	--	--	--																																																																																																																																																																																																																																																	
Irrigated pasture	AUM	--	--	--	--	--																																																																																																																																																																																																																																																	
Hay produced	Ton	65.6	--	38.33	2,514	51.31																																																																																																																																																																																																																																																	
Hay purchased	Ton	--	--	--	--	--																																																																																																																																																																																																																																																	
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td>Feed source:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>15.0</td> <td>28.0</td> <td>28.0</td> <td>28.0</td> <td>24.0</td> <td>12.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Pasture rent/Tease 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>6.0</td> <td>6.0</td> <td>6.0</td> <td>6.0</td> <td>6.0</td> <td>6.0</td> <td>6.0</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>46.5</td> <td>32.7</td> <td>36.1</td> <td>37.1</td> <td>41.2</td> <td>49.6</td> <td>50.0</td> <td>--</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>15.1</td> <td>16.9</td> <td>18.5</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>15.1</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>1.1</td> <td>1.1</td> <td>1.1</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>1.0</td> </tr> <tr> <td>Marketing month:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>18.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>11.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>1.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>3.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>5.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:													National Forest 16/	AM	--	--	--	15.0	28.0	28.0	28.0	24.0	12.0	--	--	Bureau of Land Management 16/	AM	--	--	--	--	--	--	--	--	--	--	--	Pasture rent/Tease 17/	AUM	--	--	--	6.0	6.0	6.0	6.0	6.0	6.0	6.0	--	State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--	Deeded rangeland 17/	AUM	--	--	--	46.5	32.7	36.1	37.1	41.2	49.6	50.0	--	Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	Hay	Ton	15.1	16.9	18.5	--	--	--	--	--	--	--	15.1	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	1.1	1.1	1.1	--	--	--	--	--	--	--	1.0	Marketing month:													Steer calves	Head	--	--	--	--	--	--	--	18.0	--	--	--	Heifer calves	Head	--	--	--	--	--	--	--	11.0	--	--	--	Yearling steers	Head	--	--	--	--	1.0	--	--	--	--	--	--	Yearling heifers	Head	--	--	--	--	3.0	--	--	--	--	--	--	Cull cows	Head	--	--	--	--	--	5.0	--	--	--	--	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																											
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Pasture rent/Tease 17/	AUM	--	--	--	6.0	6.0	6.0	6.0	6.0	6.0	6.0	--																																																																																																																																																																																																																																											
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Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
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Hay	Ton	15.1	16.9	18.5	--	--	--	--	--	--	--	15.1																																																																																																																																																																																																																																											
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Protein supplement	Ton	1.1	1.1	1.1	--	--	--	--	--	--	--	1.0																																																																																																																																																																																																																																											
Marketing month:																																																																																																																																																																																																																																																							
Steer calves	Head	--	--	--	--	--	--	--	18.0	--	--	--																																																																																																																																																																																																																																											
Heifer calves	Head	--	--	--	--	--	--	--	11.0	--	--	--																																																																																																																																																																																																																																											
Yearling steers	Head	--	--	--	--	1.0	--	--	--	--	--	--																																																																																																																																																																																																																																											
Yearling heifers	Head	--	--	--	--	3.0	--	--	--	--	--	--																																																																																																																																																																																																																																											
Cull cows	Head	--	--	--	--	--	5.0	--	--	--	--	--																																																																																																																																																																																																																																											

Table 250--Beef cow enterprises of all sizes, Chippewa National Forest, North-Central Minnesota, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																																			
Production:							Cash costs--Continued																																																																																																																																																																																																																																																									
Bred cows 1/	Head	58	--	--	--	--	Protein supplement 5/	Ton	--	--	--	--	--																																																																																																																																																																																																																																																			
Annual cow loss	Head	1	--	--	--	--	Grain	Bu	23.4	--	2.20	51	0.88																																																																																																																																																																																																																																																			
Cows culled	Head	7	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--																																																																																																																																																																																																																																																			
Calves born alive	Head	54	--	--	--	--	Salt and mineral	Cwt	20.3	--	6.09	124	2.14																																																																																																																																																																																																																																																			
Calves lost birth to weaning	Head	3	--	--	--	--	Veterinary & medicine	DoI	--	--	--	397	6.84																																																																																																																																																																																																																																																			
Steer calves weaned	Head	25	--	--	--	--	Hired trucking	DoI	--	--	--	91	1.57																																																																																																																																																																																																																																																			
Sold as weaners	Head	13	--	--	--	--	Marketing 6/	DoI	--	--	--	122	2.10																																																																																																																																																																																																																																																			
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	DoI	--	--	--	664	11.45																																																																																																																																																																																																																																																			
Sold as yearlings	Head	12	--	--	--	--	Hired labor	Hrs	109.0	--	4.22	460	7.93																																																																																																																																																																																																																																																			
Heifer calves weaned	Head	26	--	--	--	--	Fuel and lubricants	DoI	--	--	--	1,401	24.16																																																																																																																																																																																																																																																			
Sold as weaners	Head	10	--	--	--	--	Repairs	DoI	--	--	--	1,112	19.17																																																																																																																																																																																																																																																			
Lost after weaning	Head	--	--	--	--	--	Taxes 8/	DoI	--	--	--	519	8.95																																																																																																																																																																																																																																																			
Sold as yearlings	Head	8	--	--	--	--	Insurance	DoI	--	--	--	349	6.02																																																																																																																																																																																																																																																			
Kept for herd replacement 2/	Head	8	--	--	--	--	Interest on operating capital 9/	DoI	5,379.0	--	0.15	807	13.91																																																																																																																																																																																																																																																			
Bulls	Head	2	--	--	--	--	Total cash costs	DoI	--	--	--	12,080	208.28																																																																																																																																																																																																																																																			
Sales:							Other costs:																																																																																																																																																																																																																																																									
Steer calves	Head	13	457	66.85	3,972	--	Family labor 10/	Hrs	900.0	--	4.22	3,798	65.48																																																																																																																																																																																																																																																			
Heifer calves	Head	10	420	57.85	2,430	--	Capital replacement 11/	DoI	--	--	--	2,966	51.14																																																																																																																																																																																																																																																			
Yearling steers	Head	12	708	60.78	5,164	--	Interest on investment other than land 13/	DoI	--	--	--	6,547	112.88																																																																																																																																																																																																																																																			
Yearling heifers	Head	8	633	55.43	2,807	--	Interest on land 13/	DoI	--	--	--	23,998	413.76																																																																																																																																																																																																																																																			
Cull cows	Head	7	1,162	35.05	2,851	--	Total other costs	DoI	--	--	--	37,309	643.26																																																																																																																																																																																																																																																			
Total sales	DoI	--	--	--	17,224	296.97	Total all costs	DoI	--	--	--	49,389	851.53																																																																																																																																																																																																																																																			
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																									
Federal grazing fees 3/	AM	102.0	--	2.29	234	4.03	Return above cash costs and family labor	DoI	--	--	--	1,346	23.21																																																																																																																																																																																																																																																			
Private pasture lease	AUM	60.0	--	10.52	631	10.88	Return to total investment 14/	DoI	--	--	--	-1,620	-27.93																																																																																																																																																																																																																																																			
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	DoI	--	--	--	-8,167	-140.81																																																																																																																																																																																																																																																			
State land lease	AUM	--	--	--	--	--																																																																																																																																																																																																																																																										
Irrigated pasture	AUM	--	--	--	--	--																																																																																																																																																																																																																																																										
Hay produced	Ton	95.0	--	45.50	4,323	74.53																																																																																																																																																																																																																																																										
Hay purchased	Ton	10.6	--	75.00	795	13.71																																																																																																																																																																																																																																																										
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td colspan="14">Feed source:</td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>8.0</td> <td>23.0</td> <td>23.0</td> <td>23.0</td> <td>20.0</td> <td>5.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Pasture rent/Lease 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>6.0</td> <td>11.4</td> <td>11.8</td> <td>12.0</td> <td>12.2</td> <td>6.6</td> <td>--</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>31.4</td> <td>70.1</td> <td>72.7</td> <td>73.6</td> <td>76.4</td> <td>36.6</td> <td>--</td> <td>--</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>14.6</td> <td>16.5</td> <td>18.4</td> <td>24.2</td> <td>15.3</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>2.0</td> <td>14.6</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>5.0</td> <td>5.0</td> <td>5.0</td> <td>2.4</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>1.0</td> <td>5.0</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td colspan="14">Marketing month:</td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>13.0</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>10.0</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>12.0</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>8.0</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>7.0</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:														National Forest 16/	AM	--	--	--	--	8.0	23.0	23.0	23.0	20.0	5.0	--	--	Bureau of Land Management 16/	AM	--	--	--	--	--	--	--	--	--	--	--	--	Pasture rent/Lease 17/	AUM	--	--	--	--	6.0	11.4	11.8	12.0	12.2	6.6	--	--	State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--	--	Deeded rangeland 17/	AUM	--	--	--	--	31.4	70.1	72.7	73.6	76.4	36.6	--	--	Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--	Hay	Ton	14.6	16.5	18.4	24.2	15.3	--	--	--	--	2.0	14.6	Grain	Bu	5.0	5.0	5.0	2.4	--	--	--	--	--	1.0	5.0	Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--	Marketing month:														Steer calves	Head	--	--	--	--	--	--	--	--	--	13.0	--	Heifer calves	Head	--	--	--	--	--	--	--	--	--	10.0	--	Yearling steers	Head	--	--	--	--	--	--	--	--	--	12.0	--	Yearling heifers	Head	--	--	--	--	--	--	--	--	--	8.0	--	Cull cows	Head	--	--	--	--	--	--	--	--	--	7.0	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																																				
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Hay	Ton	14.6	16.5	18.4	24.2	15.3	--	--	--	--	2.0	14.6																																																																																																																																																																																																																																																				
Grain	Bu	5.0	5.0	5.0	2.4	--	--	--	--	--	1.0	5.0																																																																																																																																																																																																																																																				
Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																				
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Cull cows	Head	--	--	--	--	--	--	--	--	--	7.0	--																																																																																																																																																																																																																																																				

Table 251--Beef cow enterprises of all sizes, Green Mountain National Forest, Central, South Central Vermont, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow
Production:							Cash costs--Continued						
Bred cows 1/	Head	126	--	--	--	--	Protein supplement 5/	Ton	22.5	--	231.80	5,216	41.39
Annual cow loss	Head	2	--	--	--	--	Grain	Bu	--	--	--	--	--
Cows culled	Head	22	--	--	--	--	Corn Silage	Ton	180.0	--	9.25	1,665	13.21
Calves born alive	Head	112	--	--	--	--	Salt and mineral	Cwt	44.1	--	6.10	269	2.13
Calves lost birth to weaning	Head	4	--	--	--	--	Veterinary & medicine	Dol	--	--	--	473	3.75
Steer calves weaned	Head	54	--	--	--	--	Hired trucking	Dol	--	--	--	167	1.33
Sold as weaners	Head	5	--	--	--	--	Marketing 6/	Dol	--	--	--	779	6.18
Lost after weaning	Head	1	--	--	--	--	General overhead 7/	Dol	--	--	--	1,603	12.72
Sold as yearlings	Head	48	--	--	--	--	Hired labor	Hrs	--	--	--	--	--
Heifer calves weaned	Head	54	--	--	--	--	Fuel and lubricants	Dol	--	--	--	2,932	23.27
Sold as weaners	Head	15	--	--	--	--	Repairs	Dol	--	--	--	2,252	17.87
Lost after weaning	Head	1	--	--	--	--	Taxes 8/	Dol	--	--	--	2,321	18.42
Sold as yearlings	Head	14	--	--	--	--	Insurance	Dol	--	--	--	637	5.06
Kept for herd replacement 2/	Head	24	--	--	--	--	Interest on operating capital 9/	Dol	7,341.7	--	0.13	969	7.69
Bulls	Head	6	--	--	--	--	Total cash costs	Dol	--	--	--	30,032	238.35
Sales:							Other costs:						
Steer calves	Head	5	440	65.23	1,435	--	Family labor 10/	Hrs	1,436.0	--	4.00	5,744	45.59
Heifer calves	Head	15	435	56.25	3,670	--	Capital replacement 11/	Dol	--	--	--	4,645	36.87
Yearling steers	Head	48	625	67.00	20,100	--	Interest on investment other than land 13/	Dol	--	--	--	10,954	86.94
Yearling heifers	Head	14	600	60.80	5,107	--	Interest on land 13/	Dol	--	--	--	76,603	607.96
Cull cows	Head	22	960	40.78	8,613	--	Total other costs	Dol	--	--	--	97,946	777.35
Total sales	Dol	--	--	--	38,925	308.93	Total all costs	Dol	--	--	--	127,978	1015.70
Cash costs:							Return above cash costs:						
Federal grazing fees 3/	AM	143.0	--	0.20	29	0.23	Return above cash costs and family labor	Dol	--	--	--	8,893	70.58
Private pasture lease	AUM	78.0	--	10.25	800	6.35	Return to total investment 14/	Dol	--	--	--	-1,496	-11.87
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-12,450	-98.81
State land lease	AUM	--	--	--	--	--							
Irrigated pasture	AUM	--	--	--	--	--							
Hay produced	Ton	240.3	--	41.28	9,920	78.73							
Hay purchased	Ton	--	--	--	--	--							
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Feed source:													
National Forest 16/	AM	--	--	--	--	17.0	28.0	28.0	28.0	28.0	14.0	--	--
Bureau of Land Management 16/	AM	--	--	--	--	--	--	--	--	--	--	--	--
Pasture rent/Lease 17/	AUM	4.0	4.0	4.0	4.0	11.0	8.0	8.0	8.0	8.0	11.0	4.0	4.0
State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--	--
Deeded rangeland 17/	AUM	--	--	--	--	189.9	205.5	214.5	218.5	200.0	141.0	--	--
Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--
Hay	Ton	35.7	40.8	44.4	49.5	--	--	--	--	--	--	34.2	35.7
Grain	Bu	30.0	30.0	30.0	30.0	--	--	--	--	--	--	30.0	30.0
Protein supplement	Ton	2.5	2.5	2.5	2.5	2.5	--	--	--	2.5	2.5	2.5	2.5
Marketing month:													
Steer calves	Head	--	--	--	--	--	--	--	--	--	--	--	5.0
Heifer calves	Head	--	--	--	--	--	--	--	--	--	--	--	15.0
Yearling steers	Head	--	--	--	--	--	48.0	--	--	--	--	--	--
Yearling heifers	Head	--	--	--	--	--	14.0	--	--	--	--	--	--
Cull cows	Head	--	--	--	--	--	22.0	--	--	--	--	--	--

Table 252--Beef cow enterprises of all sizes, Mark Twain National Forest, Southern Missouri, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																																											
Production:							Cash costs--Continued																																																																																																																																																																																																																																																																	
Bred cows 1/	Head	125	--	--	--	--	Protein supplement 5/	Ton	16.2	--	207.60	3,363	26.90																																																																																																																																																																																																																																																											
Annual cow loss	Head	3	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																																											
Cows culled	Head	11	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--																																																																																																																																																																																																																																																											
Calves born alive	Head	108	--	--	--	--	Salt and mineral	Cwt	43.8	--	4.34	190	1.52																																																																																																																																																																																																																																																											
Calves lost birth to weaning	Head	6	--	--	--	--	Veterinary & medicine	Do1	--	--	--	446	3.57																																																																																																																																																																																																																																																											
Steer calves weaned	Head	51	--	--	--	--	Hired trucking	Do1	--	--	--	167	1.34																																																																																																																																																																																																																																																											
Sold as weaners	Head	20	--	--	--	--	Marketing 6/	Do1	--	--	--	570	4.56																																																																																																																																																																																																																																																											
Lost after weaning	Head	2	--	--	--	--	General overhead 7/	Do1	--	--	--	1,808	14.46																																																																																																																																																																																																																																																											
Sold as yearlings	Head	29	--	--	--	--	Hired labor	Hrs	95.0	--	3.64	346	2.77																																																																																																																																																																																																																																																											
Heifer calves weaned	Head	51	--	--	--	--	Fuel and lubricants	Do1	--	--	--	724	5.79																																																																																																																																																																																																																																																											
Sold as weaners	Head	15	--	--	--	--	Repairs	Do1	--	--	--	745	5.96																																																																																																																																																																																																																																																											
Lost after weaning	Head	--	--	--	--	--	Taxes 8/	Do1	--	--	--	1,186	9.49																																																																																																																																																																																																																																																											
Sold as yearlings	Head	22	--	--	--	--	Insurance	Do1	--	--	--	551	4.41																																																																																																																																																																																																																																																											
Kept for herd replacement 2/	Head	14	--	--	--	--	Interest on operating capital 9/	Do1	9,701.44	--	0.15	1,436	11.49																																																																																																																																																																																																																																																											
Bulls	Head	5	--	--	--	--	Total cash costs	Do1	--	--	--	21,402	171.22																																																																																																																																																																																																																																																											
Sales:							Other costs:																																																																																																																																																																																																																																																																	
Steer calves	Head	20	420	68.52	5,756	--	Family labor 10/	Hrs	809.0	--	3.64	2,945	23.56																																																																																																																																																																																																																																																											
Heifer calves	Head	15	395	59.06	3,499	--	Capital replacement 11/	Do1	--	--	--	2,880	23.04																																																																																																																																																																																																																																																											
Yearling steers	Head	29	625	64.24	11,644	--	Interest on investment other than land 13/	Do1	--	--	--	10,564	84.51																																																																																																																																																																																																																																																											
Yearling heifers	Head	22	590	57.98	7,526	--	Interest on land 13/	Do1	--	--	--	44,049	352.39																																																																																																																																																																																																																																																											
Cull cows	Head	11	880	37.71	3,650	--	Total other costs	Do1	--	--	--	60,438	483.50																																																																																																																																																																																																																																																											
Total sales	Do1	--	--	--	32,075	256.60	Total all costs	Do1	--	--	--	81,840	654.72																																																																																																																																																																																																																																																											
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																																	
Federal grazing fees 3/	AM	188.0	--	1.03	194	1.55	Return above cash costs: and family labor	Do1	--	--	--	7,728	61.82																																																																																																																																																																																																																																																											
Private pasture lease	AUM	288.0	--	7.37	2,123	16.98	Return to total investment 14/	Do1	--	--	--	4,848	38.78																																																																																																																																																																																																																																																											
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	Do1	--	--	--	-5,716	-45.73																																																																																																																																																																																																																																																											
State land lease	AUM	--	--	--	--	--																																																																																																																																																																																																																																																																		
Irrigated pasture	AUM	--	--	--	--	--																																																																																																																																																																																																																																																																		
Hay produced	Ton	111.5	--	36.73	4,095	32.76																																																																																																																																																																																																																																																																		
Hay purchased	Ton	69.5	--	49.76	3,458	27.66																																																																																																																																																																																																																																																																		
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td colspan="14">Feed source:</td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>6.0</td> <td>6.0</td> <td>12.0</td> <td>24.0</td> <td>29.0</td> <td>28.0</td> <td>22.0</td> <td>18.0</td> <td>17.0</td> <td>14.0</td> <td>6.0</td> <td>6.0</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>24.0</td> <td>24.0</td> <td>24.0</td> <td>24.0</td> <td>24.0</td> <td>24.0</td> <td>24.0</td> <td>24.0</td> <td>24.0</td> <td>24.0</td> <td>24.0</td> <td>24.0</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>126.4</td> <td>157.4</td> <td>173.1</td> <td>187.9</td> <td>197.7</td> <td>190.8</td> <td>113.4</td> <td>103.6</td> <td>--</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>36.7</td> <td>41.7</td> <td>65.9</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>36.7</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>1.7</td> <td>1.7</td> <td>1.7</td> <td>4.7</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>4.7</td> <td>1.7</td> <td>--</td> </tr> <tr> <td colspan="14">Marketing month:</td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>20.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>15.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>29.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>22.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>11.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:														National Forest 16/	AM	6.0	6.0	12.0	24.0	29.0	28.0	22.0	18.0	17.0	14.0	6.0	6.0	Bureau of Land Management 16/	AM	--	--	--	--	--	--	--	--	--	--	--	--	Pasture rent/lease 17/	AUM	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--	--	Deeded rangeland 17/	AUM	--	--	--	126.4	157.4	173.1	187.9	197.7	190.8	113.4	103.6	--	Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--	Hay	Ton	36.7	41.7	65.9	--	--	--	--	--	--	--	--	36.7	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	1.7	1.7	1.7	4.7	--	--	--	--	--	4.7	1.7	--	Marketing month:														Steer calves	Head	--	--	--	--	--	--	--	--	20.0	--	--	--	Heifer calves	Head	--	--	--	--	--	--	--	--	15.0	--	--	--	Yearling steers	Head	--	--	--	--	--	--	--	--	29.0	--	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	--	22.0	--	--	--	Cull cows	Head	--	--	--	--	--	--	--	--	11.0	--	--	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																																												
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National Forest 16/	AM	6.0	6.0	12.0	24.0	29.0	28.0	22.0	18.0	17.0	14.0	6.0	6.0																																																																																																																																																																																																																																																											
Bureau of Land Management 16/	AM	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																											
Pasture rent/lease 17/	AUM	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0																																																																																																																																																																																																																																																											
State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																											
Deeded rangeland 17/	AUM	--	--	--	126.4	157.4	173.1	187.9	197.7	190.8	113.4	103.6	--																																																																																																																																																																																																																																																											
Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																											
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																											
Hay	Ton	36.7	41.7	65.9	--	--	--	--	--	--	--	--	36.7																																																																																																																																																																																																																																																											
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																											
Protein supplement	Ton	1.7	1.7	1.7	4.7	--	--	--	--	--	4.7	1.7	--																																																																																																																																																																																																																																																											
Marketing month:																																																																																																																																																																																																																																																																								
Steer calves	Head	--	--	--	--	--	--	--	--	20.0	--	--	--																																																																																																																																																																																																																																																											
Heifer calves	Head	--	--	--	--	--	--	--	--	15.0	--	--	--																																																																																																																																																																																																																																																											
Yearling steers	Head	--	--	--	--	--	--	--	--	29.0	--	--	--																																																																																																																																																																																																																																																											
Yearling heifers	Head	--	--	--	--	--	--	--	--	22.0	--	--	--																																																																																																																																																																																																																																																											
Cull cows	Head	--	--	--	--	--	--	--	--	11.0	--	--	--																																																																																																																																																																																																																																																											

Table 253--Beef cow enterprises of all sizes, Angelena National Forest, East-Central Texas, 1982

Item	Unit	Number	Average		Total		Value		Item	Unit	Number	Average		Total		Value	
			weight	Price	Value	per	Value	per				weight	Price	Value	per	weight	Price
			(pounds)				cow					(pounds)				cow	
Production:																	
Bred cows 1/	Head	32	--	--	--	--	--	--	Cash costs--Continued								
Annual cow loss	Head	1	--	--	--	--	--	--	Protein supplement 5/	Ton	--	--	--	--	--	--	--
Cows culled	Head	3	--	--	--	--	--	--	Grain	Bu	--	--	--	--	--	--	--
Calves born alive	Head	22	--	--	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--	--	--
Calves lost birth to weaning	Head	1	--	--	--	--	--	--	Salt and mineral	Cwt	11.2	--	5.59	63	1.97		
Steer calves weaned	Head	10	--	--	--	--	--	--	Veterinary & medicine	Dol	--	--	--	194	6.06		
Sold as weaners	Head	10	--	--	--	--	--	--	Hired trucking	Dol	--	--	--	45	1.41		
Lost after weaning	Head	--	--	--	--	--	--	--	Marketing 6/	Dol	--	--	--	204	6.38		
Sold as yearlings	Head	--	--	--	--	--	--	--	General overhead 7/	Dol	--	--	--	497	15.53		
Heifer calves weaned	Head	11	--	--	--	--	--	--	Hired labor	Hrs	--	--	--	--	--		
Sold as weaners	Head	7	--	--	--	--	--	--	Fuel and lubricants	Dol	--	--	--	468	14.63		
Lost after weaning	Head	--	--	--	--	--	--	--	Repairs	Dol	--	--	--	401	12.53		
Sold as yearlings	Head	--	--	--	--	--	--	--	Taxes 8/	Dol	--	--	--	264	8.25		
Kept for herd replacement 2/	Head	4	--	--	--	--	--	--	Insurance	Dol	--	--	--	298	9.31		
Bulls	Head	1	--	--	--	--	--	--	Interest on operating capital 9/	Dol	586.2	--	0.15	90	2.81		
Sales:																	
Steer calves	Head	10	350	71.73	2,511	--	--	--	Total cash costs	Dol	--	--	--	3,072	96.00		
Heifer calves	Head	7	300	60.64	1,273	--	--	--	Other costs:								
Yearling steers	Head	--	--	--	--	--	--	--	Family labor 10/	Hrs	637.0	--	3.61	2,300	71.88		
Yearling heifers	Head	--	--	--	--	--	--	--	Capital replacement 11/	Dol	--	--	--	1,235	38.59		
Cull cows	Head	3	700	40.50	851	--	--	--	Interest on investment other than land 13/	Dol	--	--	--	3,193	99.78		
Total sales	Dol	--	--	--	4,635	144.84	--	--	Interest on land 13/	Dol	--	--	--	13,855	432.97		
Cash costs:																	
Federal grazing fees 3/	AM	202.0	--	0.23	46	1.44	--	--	Total other costs	Dol	--	--	--	20,583	643.22		
Private pasture lease	AUM	52.7	--	8.06	425	13.28	--	--	Total all costs	Dol	--	--	--	23,655	739.22		
Other pasture lease 4/	AUM	--	--	--	--	--	--	--	Return above cash costs	Dol	--	--	--	1,563	48.84		
State land lease	AUM	--	--	--	--	--	--	--	Return above cash costs and family labor	Dol	--	--	--	-737	-23.03		
Irrigated pasture	AUM	--	--	--	--	--	--	--	Return to total investment 14/	Dol	--	--	--	-1,972	-61.63		
Hay produced	Ton	0.5	--	67.10	34	1.06	--	--	Return to land 15/	Dol	--	--	--	-5,165	-161.41		
Hay purchased	Ton	0.5	--	85.00	43	1.34	--	--									
Feed source:																	
National Forest 16/	AM	--	--	15.0	17.0	21.0	22.0	24.0	24.0	27.0	27.0	25.0	--				
Bureau of Land Management 16/	AM	--	--	--	--	--	--	--	--	--	--	--	--				
Pasture rent/lease 17/	AUM	3.5	3.8	4.1	4.5	4.8	5.2	5.2	5.2	4.8	4.6	3.5	3.5				
State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--	--				
Deeded rangeland 17/	AUM	30.7	33.4	18.5	18.8	14.4	14.5	11.5	11.5	15.8	14.0	6.3	30.7				
Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--				
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--				
Hay	Ton	0.2	0.2	0.2	--	--	--	--	--	--	--	--	0.2	0.2			
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--	--			
Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--	--	--			
Marketing month:																	
Steer calves	Head	--	--	--	--	--	--	--	10.0	--	--	--	--				
Heifer calves	Head	--	--	--	--	--	--	--	7.0	--	--	--	--				
Yearling steers	Head	--	--	--	--	--	--	--	--	--	--	--	--				
Yearling heifers	Head	--	--	--	--	--	--	--	--	--	--	--	--				
Cull cows	Head	--	--	--	--	--	--	--	3.0	--	--	--	--				

Table 1--Beef cow enterprises with up to 99 cows, Black Kettle National Grasslands, West-Central Oklahoma, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																												
Production:							Cash costs--Continued																																																																																																																																																																																																																																																		
Bred cows <u>1/</u>	Head	55	--	--	--	--	Protein supplement <u>5/</u>	Ton	7.7	--	217.20	1,672	30.40																																																																																																																																																																																																																																												
Annual cow loss	Head	1	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																												
Cows culled	Head	6	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--																																																																																																																																																																																																																																												
Calves born alive	Head	52	--	--	--	--	Salt and mineral	Cwt	19.3	--	4.09	79	1.44																																																																																																																																																																																																																																												
Calves lost birth to weaning	Head	3	--	--	--	--	Veterinary & medicine	Dol	--	--	--	245	4.45																																																																																																																																																																																																																																												
Steer calves weaned	Head	24	--	--	--	--	Hired trucking	Dol	--	--	--	72	1.31																																																																																																																																																																																																																																												
Sold as weaners	Head	24	--	--	--	--	Marketing <u>6/</u>	Dol	--	--	--	173	3.15																																																																																																																																																																																																																																												
Lost after weaning	Head	--	--	--	--	--	General overhead <u>7/</u>	Dol	--	--	--	806	14.65																																																																																																																																																																																																																																												
Sold as yearlings	Head	--	--	--	--	--	Hired labor	Hrs	--	--	--	--	--																																																																																																																																																																																																																																												
Heifer calves weaned	Head	25	--	--	--	--	Fuel and lubricants	Dol	--	--	--	563	10.24																																																																																																																																																																																																																																												
Sold as weaners	Head	16	--	--	--	--	Repairs	Dol	--	--	--	886	16.11																																																																																																																																																																																																																																												
Lost after weaning	Head	2	--	--	--	--	Taxes <u>8/</u>	Dol	--	--	--	424	7.71																																																																																																																																																																																																																																												
Sold as yearlings	Head	--	--	--	--	--	Insurance	Dol	--	--	--	420	7.64																																																																																																																																																																																																																																												
Kept for herd replacement <u>2/</u>	Head	7	--	--	--	--	Interest on operating capital <u>9/</u>	Dol	3,499.4	--	0.15	539	9.80																																																																																																																																																																																																																																												
Bulls	Head	2	--	--	--	--	Total cash costs	Dol	--	--	--	8,146	148.11																																																																																																																																																																																																																																												
Sales:							Other costs:																																																																																																																																																																																																																																																		
Steer calves	Head	24	450	65.29	7,051	--	Family labor <u>10/</u>	Hrs	581.0	--	3.61	2,097	38.13																																																																																																																																																																																																																																												
Heifer calves	Head	16	410	54.44	3,571	--	Capital replacement <u>11/</u>	Dol	--	--	--	3,052	55.49																																																																																																																																																																																																																																												
Yearling steers	Head	--	--	--	--	--	Interest on investment other than land <u>13/</u>	Dol	--	--	--	6,181	112.38																																																																																																																																																																																																																																												
Yearling heifers	Head	--	--	--	--	--	Interest on land <u>13/</u>	Dol	--	--	--	21,374	388.62																																																																																																																																																																																																																																												
Cull cows	Head	6	1,000	37.71	2,263	--	Total other costs	Dol	--	--	--	32,704	594.62																																																																																																																																																																																																																																												
Total sales	Dol	--	--	--	12,885	234.27	Total all costs	Dol	--	--	--	40,850	742.73																																																																																																																																																																																																																																												
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																		
Federal grazing fees <u>3/</u>	AM	180.0	--	2.79	502	9.13	Return above cash costs and family labor	Dol	--	--	--	2,642	48.04																																																																																																																																																																																																																																												
Private pasture lease	AUM	--	--	--	--	--	Return to total investment <u>14/</u>	Dol	--	--	--	-410	-7.45																																																																																																																																																																																																																																												
Other pasture lease <u>4/</u>	AUM	--	--	--	--	--	Return to land <u>15/</u>	Dol	--	--	--	-6,591	-119.84																																																																																																																																																																																																																																												
State land lease	AUM	--	--	--	--	--																																																																																																																																																																																																																																																			
Irrigated pasture	AUM	--	--	--	--	--																																																																																																																																																																																																																																																			
Hay produced	Ton	26.3	--	67.10	1,765	32.09																																																																																																																																																																																																																																																			
Hay purchased	Ton	--	--	--	--	--																																																																																																																																																																																																																																																			
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td colspan="14">Feed source:</td> </tr> <tr> <td>National Forest <u>16/</u></td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>18.0</td> <td>36.0</td> <td>36.0</td> <td>36.0</td> <td>36.0</td> <td>18.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management <u>16/</u></td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Pasture rent/lease <u>17/</u></td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland <u>17/</u></td> <td>AUM</td> <td>51.0</td> <td>58.0</td> <td>37.1</td> <td>39.1</td> <td>27.8</td> <td>36.4</td> <td>38.4</td> <td>39.4</td> <td>14.1</td> <td>--</td> <td>--</td> </tr> <tr> <td>Irrigated pasture <u>17/</u></td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue <u>17/</u></td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>62.0</td> <td>61.0</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>--</td> <td>--</td> <td>7.8</td> <td>9.0</td> <td>9.5</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>1.9</td> <td>1.9</td> <td>1.9</td> <td>2.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td colspan="14">Marketing month:</td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>24.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>16.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>6.0</td> <td>--</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:														National Forest <u>16/</u>	AM	--	--	--	18.0	36.0	36.0	36.0	36.0	18.0	--	--	Bureau of Land Management <u>16/</u>	AM	--	--	--	--	--	--	--	--	--	--	--	Pasture rent/lease <u>17/</u>	AUM	--	--	--	--	--	--	--	--	--	--	--	State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--	Deeded rangeland <u>17/</u>	AUM	51.0	58.0	37.1	39.1	27.8	36.4	38.4	39.4	14.1	--	--	Irrigated pasture <u>17/</u>	AUM	--	--	--	--	--	--	--	--	--	--	--	Crop residue <u>17/</u>	AUM	--	--	--	--	--	--	--	--	62.0	61.0	--	Hay	Ton	--	--	7.8	9.0	9.5	--	--	--	--	--	--	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	1.9	1.9	1.9	2.0	--	--	--	--	--	--	--	Marketing month:														Steer calves	Head	--	--	--	--	--	--	--	--	24.0	--	--	Heifer calves	Head	--	--	--	--	--	--	--	--	16.0	--	--	Yearling steers	Head	--	--	--	--	--	--	--	--	--	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	--	--	--	--	Cull cows	Head	--	--	--	--	--	--	--	--	6.0	--	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																													
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Irrigated pasture <u>17/</u>	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Crop residue <u>17/</u>	AUM	--	--	--	--	--	--	--	--	62.0	61.0	--																																																																																																																																																																																																																																													
Hay	Ton	--	--	7.8	9.0	9.5	--	--	--	--	--	--																																																																																																																																																																																																																																													
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Protein supplement	Ton	1.9	1.9	1.9	2.0	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Marketing month:																																																																																																																																																																																																																																																									
Steer calves	Head	--	--	--	--	--	--	--	--	24.0	--	--																																																																																																																																																																																																																																													
Heifer calves	Head	--	--	--	--	--	--	--	--	16.0	--	--																																																																																																																																																																																																																																													
Yearling steers	Head	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Yearling heifers	Head	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Cull cows	Head	--	--	--	--	--	--	--	--	6.0	--	--																																																																																																																																																																																																																																													

Table 2--Beef cow enterprises with 100-199 cows, Black Kettle National Grasslands, West-Central Oklahoma, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow							
Production:							Cash costs--Continued													
Bred cows 1/	Head	131	--	--	--	--	Protein supplement 5/	Ton	18.7	--	217.20	4,062	31.01							
Annual cow loss	Head	3	--	--	--	--	Grain	Bu	--	--	--	--	--							
Cows culled	Head	17	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--							
Calves born alive	Head	122	--	--	--	--	Salt and mineral	Cwt	45.9	--	4.09	188	1.44							
Calves lost birth to weaning	Head	6	--	--	--	--	Veterinary & medicine	Dol	--	--	--	583	4.45							
Steer calves weaned	Head	58	--	--	--	--	Hired trucking	Dol	--	--	--	409	3.12							
Sold as weaners	Head	58	--	--	--	--	Marketing 6/	Dol	--	--	--	195	1.49							
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	Dol	--	--	--	1,920	14.66							
Sold as yearlings	Head	--	--	--	--	--	Hired labor	Hrs	346.0	--	3.61	1,249	9.53							
Heifer calves weaned	Head	58	--	--	--	--	Fuel and lubricants	Dol	--	--	--	1,888	14.41							
Sold as weaners	Head	33	--	--	--	--	Repairs	Dol	--	--	--	2,174	16.60							
Lost after weaning	Head	5	--	--	--	--	Taxes 8/	Dol	--	--	--	954	7.28							
Sold as yearlings	Head	--	--	--	--	--	Insurance	Dol	--	--	--	991	7.56							
Kept for herd replacement 2/	Head	20	--	--	--	--	Interest on operating capital 9/	Dol	8,324.2	--	0.15	1,282	9.79							
Bulls	Head	5	--	--	--	--	Total cash costs	Dol	--	--	--	20,381	155.58							
Sales:							Other costs:													
Steer calves	Head	58	450	65.29	17,041	--	Family labor 10/	Hrs	1,038.0	--	3.61	3,747	28.60							
Heifer calves	Head	33	410	54.44	7,366	--	Capital replacement 11/	Dol	--	--	--	6,653	50.79							
Yearling steers	Head	--	--	--	--	--	Interest on investment other than land 13/	Dol	--	--	--	14,390	109.85							
Yearling heifers	Head	--	--	--	--	--	Interest on land 13/	Dol	--	--	--	48,150	367.56							
Cull cows	Head	17	1,000	37.71	6,411	--	Total other costs	Dol	--	--	--	72,940	556.79							
Total sales	Dol	--	--	--	30,818	235.25	Total all costs	Dol	--	--	--	93,321	712.37							
Cash costs:							Return above cash costs:													
Federal grazing fees 3/	AM	194.0	--	2.79	541	4.13	Return above cash costs and family labor	Dol	--	--	--	10,437	79.67							
Private pasture lease	AUM	--	--	--	--	--	Return to total investment 14/	Dol	--	--	--	37	0.28							
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-14,353	-109.56							
State land lease	AUM	--	--	--	--	--														
Irrigated pasture	AUM	--	--	--	--	--														
Hay produced	Ton	58.8	--	67.10	3,945	30.11														
Hay purchased	Ton	--	--	--	--	--														
							Feed source:													
							Marketing month:													
National Forest 16/	AM	--	--	--	--	19.0	June	39.0	July	39.0	Aug.	39.0	Sept.	39.0	Oct.	19.0	Nov.	--	Dec.	--
Bureau of Land Management 16/	AM	--	--	--	--	--														
Pasture rent/lease 17/	AUM	--	--	--	--	--														
State land lease	AUM	--	--	--	--	--														
Deeded rangeland 17/	AUM	121.7	135.7	88.7	96.7	105.1	158.1	161.1	152.0	152.7	--	--	--	--	--	--	--	--	146.0	
Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--	170.0	145.0	--	--	--	--	
Hay	Ton	--	--	18.0	19.8	21.0	--	--	--	--	--	--	--	--	--	--	--	--	--	
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Protein supplement	Ton	4.7	4.7	4.7	4.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Steer calves	Head	--	--	--	--	--								58.0	--	--	--	--	--	
Heifer calves	Head	--	--	--	--	--								33.0	--	--	--	--	--	
Yearling steers	Head	--	--	--	--	--								--	--	--	--	--	--	
Yearling heifers	Head	--	--	--	--	--								--	--	--	--	--	--	
Cull cows	Head	--	--	--	--	--								17.0	--	--	--	--	--	

Table 3--Beef cow enterprises with 200 or more cows, Black Kettle National Grasslands, West-Central Oklahoma, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																										
Production:							Cash costs--Continued																																																																																																																																																																																																																																																
Bred cows 1/	Head	268	--	--	--	--	Protein supplement 5/	Ton	35.9	--	217.20	7,797	29.10																																																																																																																																																																																																																																										
Annual cow loss	Head	8	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																										
Cows culled	Head	32	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--																																																																																																																																																																																																																																										
Calves born alive	Head	241	--	--	--	--	Salt and mineral	Cwt	93.8	--	4.09	384	1.43																																																																																																																																																																																																																																										
Calves lost birth to weaning	Head	12	--	--	--	--	Veterinary & medicine	Dol	--	--	--	1,178	4.40																																																																																																																																																																																																																																										
Steer calves weaned	Head	114	--	--	--	--	Hired trucking	Dol	--	--	--	847	3.16																																																																																																																																																																																																																																										
Sold as weaners	Head	114	--	--	--	--	Marketing 6/	Dol	--	--	--	430	1.60																																																																																																																																																																																																																																										
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	Dol	--	--	--	2,376	8.87																																																																																																																																																																																																																																										
Sold as yearlings	Head	--	--	--	--	--	Hired labor	Hrs	2,327.0	--	3.61	8,400	31.34																																																																																																																																																																																																																																										
Heifer calves weaned	Head	115	--	--	--	--	Fuel and lubricants	Dol	--	--	--	3,899	14.55																																																																																																																																																																																																																																										
Sold as weaners	Head	65	--	--	--	--	Repairs	Dol	--	--	--	4,336	16.18																																																																																																																																																																																																																																										
Lost after weaning	Head	10	--	--	--	--	Taxes 8/	Dol	--	--	--	1,656	6.18																																																																																																																																																																																																																																										
Sold as yearlings	Head	--	--	--	--	--	Insurance	Dol	--	--	--	2,028	7.57																																																																																																																																																																																																																																										
Kept for herd replacement 2/	Head	40	--	--	--	--	Interest on operating capital 9/	Dol	16,421.8	--	0.15	2,529	9.44																																																																																																																																																																																																																																										
Bulls	Dol	11	--	--	--	--	Total cash costs	Dol	--	--	--	44,878	167.46																																																																																																																																																																																																																																										
Sales:							Other costs:																																																																																																																																																																																																																																																
Steer calves	Head	114	450	65.29	33,494	--	Family labor 10/	Hrs	776.0	--	3.61	2,801	10.45																																																																																																																																																																																																																																										
Heifer calves	Head	65	410	54.44	14,508	--	Capital replacement 11/	Dol	--	--	--	12,113	45.20																																																																																																																																																																																																																																										
Yearling steers	Head	--	--	--	--	--	Interest on investment other than land 13/	Dol	--	--	--	28,449	106.15																																																																																																																																																																																																																																										
Yearling heifers	Head	--	--	--	--	--	Interest on land 13/	Dol	--	--	--	82,331	307.21																																																																																																																																																																																																																																										
Cull cows	Head	32	1,000	37.71	12,067	--	Total other costs	Dol	--	--	--	125,694	469.01																																																																																																																																																																																																																																										
Total sales	Head	--	--	--	60,069	224.14	Total all costs	Dol	--	--	--	170,572	636.46																																																																																																																																																																																																																																										
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																
Federal grazing fees 3/	AM	215.0	--	2.79	600	2.24	Return above cash costs:	Dol	--	--	--	15,191	56.68																																																																																																																																																																																																																																										
Private pasture lease	AUM	--	--	--	--	--	Return above cash costs and family labor	Dol	--	--	--	12,390	46.23																																																																																																																																																																																																																																										
Other pasture lease 4/	AUM	--	--	--	--	--	Return to total investment 14/	Dol	--	--	--	277	1.03																																																																																																																																																																																																																																										
State land lease	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-28,172	-105.12																																																																																																																																																																																																																																										
Irrigated pasture	AUM	--	--	--	--	--																																																																																																																																																																																																																																																	
Hay produced	Ton	--	--	--	--	--																																																																																																																																																																																																																																																	
Hay purchased	Ton	107.0	--	78.67	8,418	31.41																																																																																																																																																																																																																																																	
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td>Feed source:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>21.0</td> <td>43.0</td> <td>43.0</td> <td>43.0</td> <td>43.0</td> <td>22.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>262.7</td> <td>291.7</td> <td>318.7</td> <td>173.5</td> <td>163.8</td> <td>379.2</td> <td>383.2</td> <td>385.2</td> <td>364.2</td> <td>--</td> <td>300.0</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>267.0</td> <td>298.0</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>--</td> <td>--</td> <td>--</td> <td>52.0</td> <td>55.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>7.2</td> <td>7.2</td> <td>7.2</td> <td>7.2</td> <td>7.1</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Marketing month:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>114.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>65.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>32.0</td> <td>--</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:													National Forest 16/	AM	--	--	--	21.0	43.0	43.0	43.0	43.0	22.0	--	--	Bureau of Land Management 16/	AM	--	--	--	--	--	--	--	--	--	--	--	Pasture rent/lease 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--	Deeded rangeland 17/	AUM	262.7	291.7	318.7	173.5	163.8	379.2	383.2	385.2	364.2	--	300.0	Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	267.0	298.0	--	Hay	Ton	--	--	--	52.0	55.0	--	--	--	--	--	--	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	7.2	7.2	7.2	7.2	7.1	--	--	--	--	--	--	Marketing month:													Steer calves	Head	--	--	--	--	--	--	--	--	114.0	--	--	Heifer calves	Head	--	--	--	--	--	--	--	--	65.0	--	--	Yearling steers	Head	--	--	--	--	--	--	--	--	--	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	--	--	--	--	Cull cows	Head	--	--	--	--	--	--	--	--	32.0	--	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																											
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Grain	Bu	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Protein supplement	Ton	7.2	7.2	7.2	7.2	7.1	--	--	--	--	--	--																																																																																																																																																																																																																																											
Marketing month:																																																																																																																																																																																																																																																							
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Heifer calves	Head	--	--	--	--	--	--	--	--	65.0	--	--																																																																																																																																																																																																																																											
Yearling steers	Head	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
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Cull cows	Head	--	--	--	--	--	--	--	--	32.0	--	--																																																																																																																																																																																																																																											

Table 4--Beef cow enterprises of all sizes, Caddo National Grasslands, North-Central Texas, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																													
Production:							Cash costs--Continued																																																																																																																																																																																																																																			
Bred cows 1/	Head	106	--	--	--	--	Protein supplement 5/	Ton	19.1	--	213.20	4,072	38.42																																																																																																																																																																																																																													
Annual cow loss	Head	2	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																													
Cows culled	Head	19	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--																																																																																																																																																																																																																													
Calves born alive	Head	95	--	--	--	--	Salt and mineral	Cwt	37.1	--	5.59	207	1.95																																																																																																																																																																																																																													
Calves lost birth to weaning	Head	2	--	--	--	--	Veterinary & medicine	Dol	--	--	--	626	5.91																																																																																																																																																																																																																													
Steer calves weaned	Head	46	--	--	--	--	Hired trucking	Dol	--	--	--	--	--																																																																																																																																																																																																																													
Sold as weaners	Head	46	--	--	--	--	Marketing 6/	Dol	--	--	--	174	1.64																																																																																																																																																																																																																													
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	Dol	--	--	--	1,407	13.27																																																																																																																																																																																																																													
Sold as yearlings	Head	--	--	--	--	--	Hired labor	Hrs	--	--	--	--	--																																																																																																																																																																																																																													
Heifer calves weaned	Head	47	--	--	--	--	Fuel and lubricants	Dol	--	--	--	2,206	20.81																																																																																																																																																																																																																													
Sold as weaners	Head	21	--	--	--	--	Repairs	Dol	--	--	--	1,489	14.05																																																																																																																																																																																																																													
Lost after weaning	Head	1	--	--	--	--	Taxes 8/	Dol	--	--	--	784	7.40																																																																																																																																																																																																																													
Sold as yearlings	Head	4	--	--	--	--	Insurance	Dol	--	--	--	1,096	10.34																																																																																																																																																																																																																													
Kept for herd replacement 2/	Head	21	--	--	--	--	Interest on operating capital 9/	Dol	9,470.9	--	0.15	1,449	13.67																																																																																																																																																																																																																													
Bulls	Head	7	--	--	--	--	Total cash costs	Dol	--	--	--	18,749	176.88																																																																																																																																																																																																																													
Sales:							Other costs:																																																																																																																																																																																																																																			
Steer calves	Head	46	400	68.56	12,615	--	Family labor 10/	Hrs	1,373.0	--	3.61	4,957	46.76																																																																																																																																																																																																																													
Heifer calves	Head	21	380	60.64	4,839	--	Capital replacement 11/	Dol	--	--	--	5,007	47.24																																																																																																																																																																																																																													
Yearling steers	Head	--	--	--	--	--	Interest on investment other than land 13/	Dol	--	--	--	11,288	106.49																																																																																																																																																																																																																													
Yearling heifers	Head	4	650	58.63	1,524	--	Interest on land 13/	Dol	--	--	--	40,208	379.32																																																																																																																																																																																																																													
Cull cows	Head	19	950	40.50	7,310	--	Total other costs	Dol	--	--	--	61,460	579.81																																																																																																																																																																																																																													
Total sales	Dol	--	--	--	26,288	248.00	Total all costs	Dol	--	--	--	80,209	756.69																																																																																																																																																																																																																													
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																			
Federal grazing fees 3/	AM	243.0	--	2.75	668	6.30	and family labor	Dol	--	--	--	7,539	71.12																																																																																																																																																																																																																													
Private pasture lease	ALM	235.7	--	8.06	1,900	17.92	Return to total investment 14/	Dol	--	--	--	-2,425	-22.88																																																																																																																																																																																																																													
Other pasture lease 4/	ALM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-13,713	-129.37																																																																																																																																																																																																																													
State land lease	ALM	--	--	--	--	--																																																																																																																																																																																																																																				
Irrigated pasture	ALM	--	--	--	--	--																																																																																																																																																																																																																																				
Hay produced	Ton	39.8	--	67.10	2,671	25.20																																																																																																																																																																																																																																				
Hay purchased	Ton	--	--	--	--	--																																																																																																																																																																																																																																				
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	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																														
Feed source:																																																																																																																																																																																																																																										
National Forest 16/ Bureau of Land Management 16/	--	--	--	27.0	36.0	35.0	33.0	33.0	35.0	31.0	13.0	--																																																																																																																																																																																																																														
Pasture rent/lease 17/	17.1	19.7	21.7	13.8	19.3	22.2	23.4	23.6	21.4	23.2	13.2	17.1																																																																																																																																																																																																																														
State land lease	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																														
Deeded rangeland 17/	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																														
Irrigated pasture 17/	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																														
Crop residue 17/	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																														
Hay	6.6	6.6	6.6	6.6	--	--	--	--	--	--	6.7	6.7																																																																																																																																																																																																																														
Grain	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																														
Protein supplement	3.2	3.2	3.2	3.2	--	--	--	--	--	--	3.2	3.1																																																																																																																																																																																																																														
Marketing month:																																																																																																																																																																																																																																										
Steer calves	--	--	--	--	--	--	--	46.0	--	--	--	--																																																																																																																																																																																																																														
Heifer calves	--	--	--	--	--	--	--	21.0	--	--	--	--																																																																																																																																																																																																																														
Yearling steers	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																														
Yearling heifers	--	--	--	--	--	--	--	4.0	--	--	--	--																																																																																																																																																																																																																														
Cull cows	--	--	--	--	--	--	--	19.0	--	--	--	--																																																																																																																																																																																																																														

Table 5 --Beef cow enterprises with up to 99 cows, Cimarron National Grassland, Southwestern Kansas, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																										
Production:							Cash costs--Continued																																																																																																																																																																																																																																																
Bred cows 1/	Head	62					Protein supplement 5/	Ton	3.5		221.20	774	12.48																																																																																																																																																																																																																																										
Annual cow loss	Head	1					Grain	Bu																																																																																																																																																																																																																																															
Cows culled	Head	7					Miscellaneous	Ton																																																																																																																																																																																																																																															
Calves born alive	Head	57					Salt and mineral	Cwt	21.7		2.98	65	1.05																																																																																																																																																																																																																																										
Calves lost birth to weaning	Head	2					Veterinary & medicine	Dol				511	8.24																																																																																																																																																																																																																																										
Steer calves weaned	Head	27					Hired trucking	Dol				129	2.08																																																																																																																																																																																																																																										
Sold as weaners	Head	12					Marketing 6/	Dol				332	5.35																																																																																																																																																																																																																																										
Lost after weaning	Head						General overhead 7/	Dol				712	11.48																																																																																																																																																																																																																																										
Sold as yearlings	Head	15					Hired labor	Hrs	93.0		4.25	395	6.37																																																																																																																																																																																																																																										
Heifer calves weaned	Head	28					Fuel and lubricants	Dol				2,017	32.53																																																																																																																																																																																																																																										
Sold as weaners	Head	3					Repairs	Dol				1,495	24.11																																																																																																																																																																																																																																										
Lost after weaning	Head						Taxes 8/	Dol				1,039	16.76																																																																																																																																																																																																																																										
Sold as yearlings	Head	17					Insurance	Dol				368	5.94																																																																																																																																																																																																																																										
Kept for herd replacement 2/	Head	8					Interest on operating capital 9/	Dol	5,447.5		0.15	839	13.53																																																																																																																																																																																																																																										
Bulls	Head	2					Total cash costs	Dol				11,781	190.02																																																																																																																																																																																																																																										
Sales:							Other costs:																																																																																																																																																																																																																																																
Steer calves	Head	12	446	67.49	3,612		Family labor 10/	Hrs	682.0		4.25	2,899	46.76																																																																																																																																																																																																																																										
Heifer calves	Head	3	408	58.20	712		Capital replacement 11/	Dol				3,007	48.50																																																																																																																																																																																																																																										
Yearling steers	Head	15	730	64.31	7,042		Interest on investment other than land 13/	Dol				6,890	111.13																																																																																																																																																																																																																																										
Yearling heifers	Head	17	672	58.98	6,738		Interest on land 13/	Dol				26,863	433.27																																																																																																																																																																																																																																										
Cull cows	Head	7	920	34.20	2,202		Total other costs	Dol				39,659	639.66																																																																																																																																																																																																																																										
Total sales	Dol				20,306	327.52	Total all costs	Dol				51,440	829.68																																																																																																																																																																																																																																										
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																
Federal grazing fees 3/	AM	300.0		3.34	1,002	16.16	Return above cash costs	Dol				8,525	137.50																																																																																																																																																																																																																																										
Private pasture lease	AM	48.0		9.59	460	7.42	Return above cash costs and family labor	Dol				5,626	90.74																																																																																																																																																																																																																																										
Other pasture lease 4/	AUM						Return to total investment 14/	Dol				2,619	42.24																																																																																																																																																																																																																																										
State land lease	AUM						Return to land 15/	Dol				-4,271	-68.89																																																																																																																																																																																																																																										
Irrigated pasture	AUM																																																																																																																																																																																																																																																						
Hay produced	Ton	20.5		49.88	1,023	16.50																																																																																																																																																																																																																																																	
Hay purchased	Ton	10.5		59.00	620	10.00																																																																																																																																																																																																																																																	
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td>Feed source:</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td></td> <td></td> <td></td> <td>50.0</td> <td>50.0</td> <td>50.0</td> <td>50.0</td> <td>50.0</td> <td>50.0</td> <td></td> <td></td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td></td> <td></td> <td></td> <td>1.8</td> <td>7.8</td> <td>8.4</td> <td>8.7</td> <td>8.8</td> <td>6.0</td> <td>6.5</td> <td></td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>81.3</td> <td>85.5</td> <td>91.5</td> <td>31.5</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>40.0</td> <td>83.0</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td></td> <td></td> <td></td> <td>20.7</td> <td>10.3</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>0.2</td> <td>1.1</td> <td>1.1</td> <td>1.1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Marketing month:</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>12.0</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>3.0</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td></td> <td></td> <td>15.0</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td></td> <td></td> <td>15.0</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>2.0</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>7.0</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:													National Forest 16/	AM				50.0	50.0	50.0	50.0	50.0	50.0			Bureau of Land Management 16/	AM												Pasture rent/lease 17/	AUM				1.8	7.8	8.4	8.7	8.8	6.0	6.5		State land lease	AUM												Deeded rangeland 17/	AUM												Irrigated pasture 17/	AUM												Crop residue 17/	AUM	81.3	85.5	91.5	31.5						40.0	83.0	Hay	Ton				20.7	10.3							Grain	Bu												Protein supplement	Ton	0.2	1.1	1.1	1.1								Marketing month:													Steer calves	Head											12.0	Heifer calves	Head											3.0	Yearling steers	Head			15.0									Yearling heifers	Head			15.0								2.0	Cull cows	Head											7.0
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																											
Feed source:																																																																																																																																																																																																																																																							
National Forest 16/	AM				50.0	50.0	50.0	50.0	50.0	50.0																																																																																																																																																																																																																																													
Bureau of Land Management 16/	AM																																																																																																																																																																																																																																																						
Pasture rent/lease 17/	AUM				1.8	7.8	8.4	8.7	8.8	6.0	6.5																																																																																																																																																																																																																																												
State land lease	AUM																																																																																																																																																																																																																																																						
Deeded rangeland 17/	AUM																																																																																																																																																																																																																																																						
Irrigated pasture 17/	AUM																																																																																																																																																																																																																																																						
Crop residue 17/	AUM	81.3	85.5	91.5	31.5						40.0	83.0																																																																																																																																																																																																																																											
Hay	Ton				20.7	10.3																																																																																																																																																																																																																																																	
Grain	Bu																																																																																																																																																																																																																																																						
Protein supplement	Ton	0.2	1.1	1.1	1.1																																																																																																																																																																																																																																																		
Marketing month:																																																																																																																																																																																																																																																							
Steer calves	Head											12.0																																																																																																																																																																																																																																											
Heifer calves	Head											3.0																																																																																																																																																																																																																																											
Yearling steers	Head			15.0																																																																																																																																																																																																																																																			
Yearling heifers	Head			15.0								2.0																																																																																																																																																																																																																																											
Cull cows	Head											7.0																																																																																																																																																																																																																																											

Table 6—Beef cow enterprises with 100 or more cows, Cimarron National Grassland, Southwestern Kansas, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																										
Production:							Cash costs--Continued																																																																																																																																																																																																																																																
Bred cows 1/	Head	180	--	--	--	--	Protein supplement 5/	Ton	10.2	--	221.20	2,256	12.53																																																																																																																																																																																																																																										
Annual cow loss	Head	4	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																										
Cows culled	Head	20	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--																																																																																																																																																																																																																																										
Calves born alive	Head	166	--	--	--	--	Salt and mineral	Cwt	63.0	--	2.98	188	1.04																																																																																																																																																																																																																																										
Calves lost birth to weaning	Head	6	--	--	--	--	Veterinary & medicine	Dol	--	--	--	1,126	6.26																																																																																																																																																																																																																																										
Steer calves weaned	Head	80	--	--	--	--	Hired trucking	Dol	--	--	--	360	2.00																																																																																																																																																																																																																																										
Sold as weaners	Head	36	--	--	--	--	Marketing 6/	Dol	--	--	--	335	1.86																																																																																																																																																																																																																																										
Lost after weaning	Head	1	--	--	--	--	General overhead 7/	Dol	--	--	--	1,666	9.26																																																																																																																																																																																																																																										
Sold as yearlings	Head	43	--	--	--	--	Hired labor	Hrs	416.0	--	4.25	1,768	9.82																																																																																																																																																																																																																																										
Heifer calves weaned	Head	80	--	--	--	--	Fuel and lubricants	Dol	--	--	--	4,358	24.21																																																																																																																																																																																																																																										
Sold as weaners	Head	7	--	--	--	--	Repairs	Dol	--	--	--	3,480	19.33																																																																																																																																																																																																																																										
Lost after weaning	Head	1	--	--	--	--	Taxes 8/	Dol	--	--	--	2,374	13.19																																																																																																																																																																																																																																										
Sold as yearlings	Head	48	--	--	--	--	Insurance	Dol	--	--	--	1,048	5.82																																																																																																																																																																																																																																										
Kept for herd replacement 2/	Head	24	--	--	--	--	Interest on operating capital 9/	Dol	13,716.0	--	0.15	2,112	11.73																																																																																																																																																																																																																																										
Bulls	Head	7	--	--	--	--	Total cash costs	Dol	--	--	--	29,493	163.85																																																																																																																																																																																																																																										
Sales:							Other costs:																																																																																																																																																																																																																																																
Steer calves	Head	36	446	67.49	10,836	--	Family labor 10/	Hrs	1,564.0	--	4.25	6,647	36.93																																																																																																																																																																																																																																										
Heifer calves	Head	7	408	58.20	1,662	--	Capital replacement 11/	Dol	--	--	--	9,236	51.31																																																																																																																																																																																																																																										
Yearling steers	Head	43	730	64.31	20,187	--	Interest on investment other than land 13/	Dol	--	--	--	20,006	111.14																																																																																																																																																																																																																																										
Yearling heifers	Head	48	672	58.98	19,025	--	Total other costs	Dol	--	--	--	49,338	274.10																																																																																																																																																																																																																																										
Cull cows	Head	20	920	34.20	6,293	--	Total all costs	Dol	--	--	--	85,227	473.48																																																																																																																																																																																																																																										
Total sales	Dol	--	--	--	58,003	322.24	Return above cash costs and family labor	Dol	--	--	--	21,863	121.46																																																																																																																																																																																																																																										
Cash costs:							Return to total investment 14/																																																																																																																																																																																																																																																
Federal grazing fees 3/	AM	354.0	--	3.34	1,182	6.57	Return to land 15/	Dol	--	--	--	12,627	70.15																																																																																																																																																																																																																																										
Private pasture lease	AUM	257.8	--	9.59	2,472	13.73						-7,379	-40.99																																																																																																																																																																																																																																										
Other pasture lease 4/	AUM	--	--	--	--	--																																																																																																																																																																																																																																																	
State land lease	AUM	--	--	--	--	--																																																																																																																																																																																																																																																	
Irrigated pasture	AUM	--	--	--	--	--																																																																																																																																																																																																																																																	
Hay produced	Ton	59.4	--	49.88	2,963	16.46																																																																																																																																																																																																																																																	
Hay purchased	Ton	30.6	--	59.00	1,805	10.03																																																																																																																																																																																																																																																	
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td>Feed source:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>59.0</td> <td>59.0</td> <td>59.0</td> <td>59.0</td> <td>59.0</td> <td>59.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>24.0</td> <td>43.0</td> <td>44.9</td> <td>45.9</td> <td>44.7</td> <td>36.4</td> <td>18.9</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>126.3</td> <td>225.8</td> <td>235.9</td> <td>240.9</td> <td>234.7</td> <td>191.0</td> <td>99.1</td> <td>--</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>236.7</td> <td>250.1</td> <td>268.1</td> <td>91.2</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>118.0</td> <td>242.0</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>--</td> <td>--</td> <td>--</td> <td>60.0</td> <td>30.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>1.0</td> <td>3.1</td> <td>3.1</td> <td>3.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Marketing month:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>36.0</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>7.0</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>43.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>42.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>6.0</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>20.0</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:													National Forest 16/	AM	--	--	--	59.0	59.0	59.0	59.0	59.0	59.0	--	--	Bureau of Land Management 16/	AM	--	--	--	--	--	--	--	--	--	--	--	Pasture rent/lease 17/	AUM	--	--	--	24.0	43.0	44.9	45.9	44.7	36.4	18.9	--	State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--	Deeded rangeland 17/	AUM	--	--	--	126.3	225.8	235.9	240.9	234.7	191.0	99.1	--	Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	Crop residue 17/	AUM	236.7	250.1	268.1	91.2	--	--	--	--	--	118.0	242.0	Hay	Ton	--	--	--	60.0	30.0	--	--	--	--	--	--	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	1.0	3.1	3.1	3.0	--	--	--	--	--	--	--	Marketing month:													Steer calves	Head	--	--	--	--	--	--	--	--	--	--	36.0	Heifer calves	Head	--	--	--	--	--	--	--	--	--	--	7.0	Yearling steers	Head	--	--	43.0	--	--	--	--	--	--	--	--	Yearling heifers	Head	--	--	42.0	--	--	--	--	--	--	--	6.0	Cull cows	Head	--	--	--	--	--	--	--	--	--	--	20.0
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																											
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Pasture rent/lease 17/	AUM	--	--	--	24.0	43.0	44.9	45.9	44.7	36.4	18.9	--																																																																																																																																																																																																																																											
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Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
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Hay	Ton	--	--	--	60.0	30.0	--	--	--	--	--	--																																																																																																																																																																																																																																											
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Protein supplement	Ton	1.0	3.1	3.1	3.0	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Marketing month:																																																																																																																																																																																																																																																							
Steer calves	Head	--	--	--	--	--	--	--	--	--	--	36.0																																																																																																																																																																																																																																											
Heifer calves	Head	--	--	--	--	--	--	--	--	--	--	7.0																																																																																																																																																																																																																																											
Yearling steers	Head	--	--	43.0	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Yearling heifers	Head	--	--	42.0	--	--	--	--	--	--	--	6.0																																																																																																																																																																																																																																											
Cull cows	Head	--	--	--	--	--	--	--	--	--	--	20.0																																																																																																																																																																																																																																											

Table 7 --Beef cow enterprises with up to 99 cows, Comanche National Grasslands, crop farming operations, Southeastern Colorado, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																										
Production:							Cash costs--Continued																																																																																																																																																																																																																																																
Bred cows 1/	Head	60	--	--	--	--	Protein supplement 5/	Ton	8.4	--	193.00	1,621	27.02																																																																																																																																																																																																																																										
Annual cow loss	Head	1	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																										
Cows culled	Head	7	--	--	--	--	Other feed	Ton	--	--	--	--	--																																																																																																																																																																																																																																										
Calves born alive	Head	56	--	--	--	--	Salt and mineral	Cwt	21.0	--	4.57	96	1.60																																																																																																																																																																																																																																										
Calves lost birth to weaning	Head	2	--	--	--	--	Veterinary & medicine	Dol	--	--	--	437	7.28																																																																																																																																																																																																																																										
Steer calves weaned	Head	27	--	--	--	--	Hired trucking	Dol	--	--	--	212	3.53																																																																																																																																																																																																																																										
Sold as weaners	Head	27	--	--	--	--	Marketing 6/	Dol	--	--	--	496	8.27																																																																																																																																																																																																																																										
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	Dol	--	--	--	496	8.27																																																																																																																																																																																																																																										
Sold as yearlings	Head	--	--	--	--	--	Hired labor	Hrs	17.0	--	4.22	72	1.20																																																																																																																																																																																																																																										
Heifer calves weaned	Head	27	--	--	--	--	Fuel and lubricants	Dol	--	--	--	2,113	35.22																																																																																																																																																																																																																																										
Sold as weaners	Head	17	--	--	--	--	Repairs	Dol	--	--	--	1,463	24.38																																																																																																																																																																																																																																										
Lost after weaning	Head	2	--	--	--	--	Taxes 8/	Dol	--	--	--	607	10.12																																																																																																																																																																																																																																										
Sold as yearlings	Head	--	--	--	--	--	Insurance	Dol	--	--	--	360	6.00																																																																																																																																																																																																																																										
Kept for herd replacement 2/	Head	8	--	--	--	--	Interest on operating capital 9/	Dol	6,020.6	--	0.15	927	15.45																																																																																																																																																																																																																																										
Bulls	Head	2	--	--	--	--	Total cash costs	Dol	--	--	--	12,623	210.38																																																																																																																																																																																																																																										
Sales:							Other costs:																																																																																																																																																																																																																																																
Steer calves	Head	27	436	67.24	7,915	--	Family labor 10/	Hrs	823.0	--	4.22	3,473	57.88																																																																																																																																																																																																																																										
Heifer calves	Head	17	400	58.24	3,960	--	Capital replacement 11/	Dol	--	--	--	2,996	49.93																																																																																																																																																																																																																																										
Yearling steers	Head	--	--	--	--	--	Interest on investment other than land 13/	Dol	--	--	--	6,750	112.50																																																																																																																																																																																																																																										
Yearling heifers	Head	--	--	--	--	--	Interest on land 13/	Dol	--	--	--	27,330	455.50																																																																																																																																																																																																																																										
Cull cows	Head	7	950	34.20	2,274	--	Total other costs	Dol	--	--	--	40,549	675.82																																																																																																																																																																																																																																										
Total sales	Dol	--	--	--	14,149	235.82	Total all costs	Dol	--	--	--	53,172	886.20																																																																																																																																																																																																																																										
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																
Federal grazing fees 3/	AM	420.0	--	2.75	1,155	19.25	Return above cash costs:	Dol	--	--	--	1,526	25.43																																																																																																																																																																																																																																										
Private pasture lease	AUM	--	--	--	--	--	Return above cash costs:	Dol	--	--	--	-1,947	-32.45																																																																																																																																																																																																																																										
Other pasture lease 4/	AUM	--	--	--	--	--	and family labor	Dol	--	--	--	--	--																																																																																																																																																																																																																																										
State land lease	AUM	--	--	--	--	--	Return to total investment 14/	Dol	--	--	--	-4,943	-82.38																																																																																																																																																																																																																																										
Irrigated pasture	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-11,693	-194.88																																																																																																																																																																																																																																										
Hay produced	Ton	60.0	--	42.80	2,568	42.80																																																																																																																																																																																																																																																	
Hay purchased	Ton	--	--	--	--	--																																																																																																																																																																																																																																																	
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Crop residue 17/	AUM	10.1	14.1	15.1	18.1	--	--	--	--	--	--	67.0																																																																																																																																																																																																																																											
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Grain	Bu	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Protein supplement	Ton	2.1	2.1	2.1	2.1	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Marketing month:																																																																																																																																																																																																																																																							
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Heifer calves	Head	--	--	--	--	--	--	--	--	--	17.0	--																																																																																																																																																																																																																																											
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Yearling heifers	Head	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Cull cows	Head	--	--	--	--	--	--	--	--	--	--	7.0																																																																																																																																																																																																																																											

Table 8—Beef cow enterprises with 100-199 cows, Comanche National Grasslands, crop farming operations, Southeastern Colorado, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																										
Production:							Cash costs--Continued																																																																																																																																																																																																																																																
Bred cows 1/	Head	150	--	--	--	--	Protein supplement 5/	Ton	18.4	--	193.00	3,551	23.67																																																																																																																																																																																																																																										
Annual cow loss	Head	3	--	--	--	--	Feeder steers			--	--	--	--																																																																																																																																																																																																																																										
Cows culled	Head	20	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--																																																																																																																																																																																																																																										
Calves born alive	Head	138	--	--	--	--	Salt and mineral	Cwt	52.5	--	4.57	240	1.60																																																																																																																																																																																																																																										
Calves lost birth to weaning	Head	4	--	--	--	--	Veterinary & medicine	Dol	--	--	--	1,064	7.09																																																																																																																																																																																																																																										
Steer calves weaned	Head	67	--	--	--	--	Hired trucking	Dol	--	--	--	529	3.53																																																																																																																																																																																																																																										
Sold as weaners	Head	67	--	--	--	--	Marketing 6/	Dol	--	--	--	1,241	8.27																																																																																																																																																																																																																																										
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	Dol	--	--	--	1,241	8.27																																																																																																																																																																																																																																										
Sold as yearlings	Head	--	--	--	--	--	Hired labor	Hrs	612.0	--	4.22	2,583	17.22																																																																																																																																																																																																																																										
Heifer calves weaned	Head	67	--	--	--	--	Fuel and lubricants	Dol	--	--	--	3,476	23.17																																																																																																																																																																																																																																										
Sold as weaners	Head	38	--	--	--	--	Repairs	Dol	--	--	--	2,735	18.23																																																																																																																																																																																																																																										
Lost after weaning	Head	6	--	--	--	--	Taxes 8/	Dol	--	--	--	1,472	9.81																																																																																																																																																																																																																																										
Sold as yearlings	Head	--	--	--	--	--	Insurance	Dol	--	--	--	864	5.76																																																																																																																																																																																																																																										
Kept for herd replacement 2/	Head	23	--	--	--	--	Interest on operating capital 9/	Dol	13,387.5	--	0.15	2,062	13.75																																																																																																																																																																																																																																										
Bulls	Head	6	--	--	--	--	Total cash costs	Dol	--	--	--	30,434	202.89																																																																																																																																																																																																																																										
Sales:							Other costs:																																																																																																																																																																																																																																																
Steer calves	Head	67	448	67.24	20,183	--	Family labor 10/	Hrs	1,188.0	--	4.22	5,013	33.42																																																																																																																																																																																																																																										
Heifer calves	Head	38	400	58.24	8,852	--	Capital replacement 11/	Dol	--	--	--	8,091	53.94																																																																																																																																																																																																																																										
Yearling steers	Head	--	--	--	--	--	Interest on investment other than land 13/	Dol	--	--	--	16,491	109.94																																																																																																																																																																																																																																										
Yearling heifers	Head	--	--	--	--	--	Interest on land 13/	Dol	--	--	--	69,018	460.12																																																																																																																																																																																																																																										
Cull cows	Head	20	970	34.20	6,635	--	Total other costs	Dol	--	--	--	98,613	657.42																																																																																																																																																																																																																																										
Total sales	Dol	--	--	--	35,670	237.80	Total all costs	Dol	--	--	--	129,047	860.31																																																																																																																																																																																																																																										
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																
Federal grazing fees 3/	AM	1,075.0	--	2.75	2,956	19.71	Return above cash costs and family labor	Dol	--	--	--	223	1.49																																																																																																																																																																																																																																										
Private pasture lease	AM	--	--	--	--	--	Return to total investment 14/	Dol	--	--	--	-7,868	-52.45																																																																																																																																																																																																																																										
Other pasture lease 4/	AM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-24,359	-162.39																																																																																																																																																																																																																																										
State land lease	AM	--	--	--	--	--																																																																																																																																																																																																																																																	
Irrigated pasture	AM	--	--	--	--	--																																																																																																																																																																																																																																																	
Hay produced	Ton	150.0	--	42.80	6,420	42.80																																																																																																																																																																																																																																																	
Hay purchased	Ton	--	--	--	--	--																																																																																																																																																																																																																																																	
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	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																											
Feed source:																																																																																																																																																																																																																																																							
National Forest 16/	AM	--	--	--	90.0	179.0	179.0	179.0	179.0	179.0	90.0	--																																																																																																																																																																																																																																											
Bureau of Land Management 16/	AM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Pasture rent/lease 17/	AM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
State land lease	AM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Deeded rangeland 17/	AM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Irrigated pasture 17/	AM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Crop residue 17/	AM	33.7	40.7	44.7	51.7	--	--	--	--	--	--	168.0																																																																																																																																																																																																																																											
Hay	Ton	33.0	36.0	39.0	42.0	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Protein supplement	Ton	4.5	4.5	4.7	4.7	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Marketing month:																																																																																																																																																																																																																																																							
Steer calves	Head	--	--	--	--	--	--	--	--	--	67.0	--																																																																																																																																																																																																																																											
Heifer calves	Head	--	--	--	--	--	--	--	--	--	38.0	--																																																																																																																																																																																																																																											
Yearling steers	Head	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Yearling heifers	Head	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																											
Cull cows	Head	--	--	--	--	--	--	--	--	--	--	20.0																																																																																																																																																																																																																																											

Table 9—Beef cow enterprises with 200 or more cows, Comanche National Grasslands, crop farming operations, Southeastern Colorado, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																												
Production:							Cash costs--Continued:																																																																																																																																																																																																																																																		
Bred cows 1/	Head	250	--	--	--	--	Protein supplement 5/	Ton	30.0	--	193.00	5,790	23.16																																																																																																																																																																																																																																												
Annual cow loss	Head	5	--	--	--	--	Feeder steers	:	--	--	--	--	--																																																																																																																																																																																																																																												
Cows culled	Head	40	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--																																																																																																																																																																																																																																												
Calves born alive	Head	230	--	--	--	--	Salt and mineral	Cwt	87.5	--	4.57	400	1.60																																																																																																																																																																																																																																												
Calves lost birth to weaning	Head	7	--	--	--	--	Veterinary & medicine	Dol	--	--	--	1,773	7.09																																																																																																																																																																																																																																												
Steer calves weaned	Head	111	--	--	--	--	Hired trucking	Dol	--	--	--	881	3.52																																																																																																																																																																																																																																												
Sold as weaners	Head	111	--	--	--	--	Marketing 6/	Dol	--	--	--	2,069	8.28																																																																																																																																																																																																																																												
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	Dol	--	--	--	1,773	7.09																																																																																																																																																																																																																																												
Sold as yearlings	Head	--	--	--	--	--	Hired labor	Hrs	736.0	--	4.22	3,106	12.42																																																																																																																																																																																																																																												
Heifer calves weaned	Head	112	--	--	--	--	Fuel and lubricants	Dol	--	--	--	3,761	15.04																																																																																																																																																																																																																																												
Sold as weaners	Head	56	--	--	--	--	Repairs	Dol	--	--	--	3,676	14.70																																																																																																																																																																																																																																												
Lost after weaning	Head	1	--	--	--	--	Taxes 8/	Dol	--	--	--	2,013	8.05																																																																																																																																																																																																																																												
Sold as yearlings	Head	10	--	--	--	--	Insurance	Dol	--	--	--	1,417	5.67																																																																																																																																																																																																																																												
Kept for herd replacement 2/	Head	45	--	--	--	--	Interest on operating capital 9/	Dol	20,491.5	--	0.15	3,156	12.62																																																																																																																																																																																																																																												
Bulls	Head	10	--	--	--	--	Total cash costs	Dol	--	--	--	45,550	182.20																																																																																																																																																																																																																																												
Sales:							Other costs:																																																																																																																																																																																																																																																		
Steer calves	Head	111	434	67.24	32,392	--	Family labor 10/	Hrs	1,639.0	--	4.22	6,917	27.67																																																																																																																																																																																																																																												
Heifer calves	Head	56	400	58.24	13,046	--	Capital replacement 11/	Dol	--	--	--	13,783	55.13																																																																																																																																																																																																																																												
Yearling steers	Head	--	--	--	--	--	Interest on investment other than land 13/	Dol	--	--	--	27,994	111.98																																																																																																																																																																																																																																												
Yearling heifers	Head	10	750	57.10	4,283	--	Interest on land 13/	Dol	--	--	--	87,488	349.95																																																																																																																																																																																																																																												
Cull cows	Head	40	975	34.20	13,338	--	Total other costs	Dol	--	--	--	136,182	544.73																																																																																																																																																																																																																																												
Total sales	Dol	--	--	--	63,059	252.24	Total all costs	Dol	--	--	--	181,732	726.93																																																																																																																																																																																																																																												
Cash costs:							Return:																																																																																																																																																																																																																																																		
Federal grazing fees 3/	AM	1,831.0	--	2.75	5,035	20.14	Return above cash costs	Dol	--	--	--	17,509	70.04																																																																																																																																																																																																																																												
Private pasture lease	AUM	--	--	--	--	--	Return above cash costs and family labor	Dol	--	--	--	10,592	42.37																																																																																																																																																																																																																																												
Other pasture lease 4/	AUM	--	--	--	--	--	Return to total investment 14/	Dol	--	--	--	-3,191	-12.76																																																																																																																																																																																																																																												
State land lease	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-31,185	-124.74																																																																																																																																																																																																																																												
Irrigated pasture	AUM	--	--	--	--	--																																																																																																																																																																																																																																																			
Hay produced	Ton	250.0	--	42.80	10,700	42.80																																																																																																																																																																																																																																																			
Hay purchased	Ton	--	--	--	--	--																																																																																																																																																																																																																																																			
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td colspan="14">Feed source:</td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>153.0</td> <td>305.0</td> <td>305.0</td> <td>305.0</td> <td>305.0</td> <td>153.0</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>59.8</td> <td>71.2</td> <td>79.6</td> <td>90.9</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>140.0</td> <td>283.0</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>55.0</td> <td>60.0</td> <td>65.0</td> <td>70.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>7.5</td> <td>7.5</td> <td>7.5</td> <td>7.5</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td colspan="14">Marketing month:</td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>111.0</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>56.0</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>10.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>40.0</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:														National Forest 16/	AM	--	--	--	--	153.0	305.0	305.0	305.0	305.0	153.0	--	Bureau of Land Management 16/	AM	--	--	--	--	--	--	--	--	--	--	--	Pasture rent/lease 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--	Deeded rangeland 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	Crop residue 17/	AUM	59.8	71.2	79.6	90.9	--	--	--	--	--	140.0	283.0	Hay	Ton	55.0	60.0	65.0	70.0	--	--	--	--	--	--	--	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	7.5	7.5	7.5	7.5	--	--	--	--	--	--	--	Marketing month:														Steer calves	Head	--	--	--	--	--	--	--	--	--	111.0	--	Heifer calves	Head	--	--	--	--	--	--	--	--	--	56.0	--	Yearling steers	Head	--	--	--	--	--	--	--	--	--	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	--	10.0	--	--	Cull cows	Head	--	--	--	--	--	--	--	--	--	--	40.0
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																													
Feed source:																																																																																																																																																																																																																																																									
National Forest 16/	AM	--	--	--	--	153.0	305.0	305.0	305.0	305.0	153.0	--																																																																																																																																																																																																																																													
Bureau of Land Management 16/	AM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Pasture rent/lease 17/	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Deeded rangeland 17/	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Crop residue 17/	AUM	59.8	71.2	79.6	90.9	--	--	--	--	--	140.0	283.0																																																																																																																																																																																																																																													
Hay	Ton	55.0	60.0	65.0	70.0	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Protein supplement	Ton	7.5	7.5	7.5	7.5	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Marketing month:																																																																																																																																																																																																																																																									
Steer calves	Head	--	--	--	--	--	--	--	--	--	111.0	--																																																																																																																																																																																																																																													
Heifer calves	Head	--	--	--	--	--	--	--	--	--	56.0	--																																																																																																																																																																																																																																													
Yearling steers	Head	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Yearling heifers	Head	--	--	--	--	--	--	--	--	10.0	--	--																																																																																																																																																																																																																																													
Cull cows	Head	--	--	--	--	--	--	--	--	--	--	40.0																																																																																																																																																																																																																																													

Table 11--Beef cow enterprises with 100-199 cows, Comanche National Grasslands, range type operations, Southeastern Colorado, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																												
Production:							Cash costs--Continued																																																																																																																																																																																																																																																		
Bred cows 1/	Head	150	--	--	--	--	Protein supplement 5/	Ton	18.0	--	193.00	3,474	23.16																																																																																																																																																																																																																																												
Annual cow loss	Head	3	--	--	--	--	Feeder steers		--	--	--	--	--																																																																																																																																																																																																																																												
Cows culled	Head	29	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--																																																																																																																																																																																																																																												
Calves born alive	Head	138	--	--	--	--	Salt and mineral	Cwt	52.5	--	4.57	240	1.60																																																																																																																																																																																																																																												
Calves lost birth to weaning	Head	4	--	--	--	--	Veterinary & medicine	Dol	--	--	--	1,064	7.09																																																																																																																																																																																																																																												
Steer calves weaned	Head	67	--	--	--	--	Hired trucking	Dol	--	--	--	529	3.53																																																																																																																																																																																																																																												
Sold as weaners	Head	67	--	--	--	--	Marketing 6/	Dol	--	--	--	1,241	8.27																																																																																																																																																																																																																																												
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	Dol	--	--	--	1,241	8.27																																																																																																																																																																																																																																												
Sold as yearlings	Head	--	--	--	--	--	Hired labor	Hrs	612.0	--	4.22	2,583	17.22																																																																																																																																																																																																																																												
Heifer calves weaned	Head	67	--	--	--	--	Fuel and lubricants	Dol	--	--	--	3,476	23.17																																																																																																																																																																																																																																												
Sold as weaners	Head	38	--	--	--	--	Repairs	Dol	--	--	--	2,735	18.23																																																																																																																																																																																																																																												
Lost after weaning	Head	--	--	--	--	--	Taxes 8/	Dol	--	--	--	1,427	9.51																																																																																																																																																																																																																																												
Sold as yearlings	Head	--	--	--	--	--	Insurance	Dol	--	--	--	864	5.76																																																																																																																																																																																																																																												
Kept for herd replacement 2/	Head	29	--	--	--	--	Interest on operating capital 9/	Dol	10,514.9	--	0.15	1,619	10.79																																																																																																																																																																																																																																												
Bulls	Head	6	--	--	--	--	Total cash costs	Dol	--	--	--	25,801	172.01																																																																																																																																																																																																																																												
Sales:							Other costs:																																																																																																																																																																																																																																																		
Steer calves	Head	67	448	67.24	20,183	--	Family labor 10/	Hrs	1,188.0	--	4.22	5,013	33.42																																																																																																																																																																																																																																												
Heifer calves	Head	38	400	58.24	8,852	--	Capital replacement 11/	Dol	--	--	--	8,091	53.94																																																																																																																																																																																																																																												
Yearling steers	Head	--	--	--	--	--	Interest on investment other than land 13/	Dol	--	--	--	16,491	109.94																																																																																																																																																																																																																																												
Yearling heifers	Head	--	--	--	--	--	Interest on land 13/	Dol	--	--	--	65,958	439.72																																																																																																																																																																																																																																												
Cull cows	Head	20	970	34.20	9,620	--	Total other costs	Dol	--	--	--	95,553	637.02																																																																																																																																																																																																																																												
Total sales	Dol	--	--	--	38,655	257.70	Total all costs	Dol	--	--	--	121,354	809.03																																																																																																																																																																																																																																												
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																		
Federal grazing fees 3/	AM	1,210.0	--	2.75	3,328	22.19	Return above cash costs and family labor	Dol	--	--	--	12,854	85.69																																																																																																																																																																																																																																												
Private pasture lease	AUM	--	--	--	--	--	Return to total investment 14/	Dol	--	--	--	-250	-1.67																																																																																																																																																																																																																																												
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-16,741	-111.61																																																																																																																																																																																																																																												
State land lease	AUM	--	--	--	--	--																																																																																																																																																																																																																																																			
Irrigated pasture	AUM	--	--	--	--	--																																																																																																																																																																																																																																																			
Hay produced	Ton	--	--	--	--	--																																																																																																																																																																																																																																																			
Hay purchased	Ton	30.0	--	66.00	1,980	13.20																																																																																																																																																																																																																																																			
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td colspan="14">Feed source:</td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>45.0</td> <td>45.0</td> <td>--</td> <td>--</td> <td>90.0</td> <td>179.0</td> <td>179.0</td> <td>179.0</td> <td>179.0</td> <td>90.0</td> <td>45.0</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>78.3</td> <td>91.3</td> <td>149.0</td> <td>166.0</td> <td>115.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>83.0</td> <td>126.0</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>7.0</td> <td>7.0</td> <td>8.0</td> <td>8.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>4.5</td> <td>4.5</td> <td>4.5</td> <td>4.5</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td colspan="14">Marketing month:</td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>67.0</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>38.0</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>29.0</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:														National Forest 16/	AM	45.0	45.0	--	--	90.0	179.0	179.0	179.0	179.0	90.0	45.0	Bureau of Land Management 16/	AM	--	--	--	--	--	--	--	--	--	--	--	Pasture rent/lease 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--	Deeded rangeland 17/	AUM	78.3	91.3	149.0	166.0	115.0	--	--	--	--	83.0	126.0	Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	Hay	Ton	7.0	7.0	8.0	8.0	--	--	--	--	--	--	--	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	4.5	4.5	4.5	4.5	--	--	--	--	--	--	--	Marketing month:														Steer calves	Head	--	--	--	--	--	--	--	--	--	67.0	--	Heifer calves	Head	--	--	--	--	--	--	--	--	--	38.0	--	Yearling steers	Head	--	--	--	--	--	--	--	--	--	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	--	--	--	--	Cull cows	Head	--	--	--	--	--	--	--	--	--	--	29.0
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																													
Feed source:																																																																																																																																																																																																																																																									
National Forest 16/	AM	45.0	45.0	--	--	90.0	179.0	179.0	179.0	179.0	90.0	45.0																																																																																																																																																																																																																																													
Bureau of Land Management 16/	AM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Pasture rent/lease 17/	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Deeded rangeland 17/	AUM	78.3	91.3	149.0	166.0	115.0	--	--	--	--	83.0	126.0																																																																																																																																																																																																																																													
Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Hay	Ton	7.0	7.0	8.0	8.0	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Protein supplement	Ton	4.5	4.5	4.5	4.5	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Marketing month:																																																																																																																																																																																																																																																									
Steer calves	Head	--	--	--	--	--	--	--	--	--	67.0	--																																																																																																																																																																																																																																													
Heifer calves	Head	--	--	--	--	--	--	--	--	--	38.0	--																																																																																																																																																																																																																																													
Yearling steers	Head	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Yearling heifers	Head	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Cull cows	Head	--	--	--	--	--	--	--	--	--	--	29.0																																																																																																																																																																																																																																													

Table 12--Beef cow enterprises with 200 or more cows, Comanche National Grasslands, range type operations, Southeastern Colorado, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																												
Production:							Cash costs--Continued																																																																																																																																																																																																																																																		
Bred cows 1/	Head	250	--	--	--	--	Protein supplement 5/	Ton	30.0	--	193.00	5,790	23.16																																																																																																																																																																																																																																												
Annual cow loss	Head	5	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																												
Cows culled	Head	40	--	--	--	--	Other feed	Ton	--	--	--	--	--																																																																																																																																																																																																																																												
Calves born alive	Head	230	--	--	--	--	Salt and mineral	Cwt	87.5	--	4.57	400	1.60																																																																																																																																																																																																																																												
Calves lost birth to weaning	Head	7	--	--	--	--	Veterinary & medicine	Dol	--	--	--	1,773	7.09																																																																																																																																																																																																																																												
Steer calves weaned	Head	111	--	--	--	--	Hired trucking	Dol	--	--	--	881	3.52																																																																																																																																																																																																																																												
Sold as weaners	Head	111	--	--	--	--	Marketing 6/	Dol	--	--	--	2,069	8.28																																																																																																																																																																																																																																												
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	Dol	--	--	--	1,773	7.09																																																																																																																																																																																																																																												
Sold as yearlings	Head	--	--	--	--	--	Hired labor	Hrs	736.0	--	4.22	3,106	12.42																																																																																																																																																																																																																																												
Heifer calves weaned	Head	112	--	--	--	--	Fuel and lubricants	Dol	--	--	--	3,761	15.04																																																																																																																																																																																																																																												
Sold as weaners	Head	56	--	--	--	--	Repairs	Dol	--	--	--	3,676	14.70																																																																																																																																																																																																																																												
Lost after weaning	Head	1	--	--	--	--	Taxes 8/	Dol	--	--	--	1,964	7.86																																																																																																																																																																																																																																												
Sold as yearlings	Head	10	--	--	--	--	Insurance	Dol	--	--	--	1,417	5.67																																																																																																																																																																																																																																												
Kept for herd replacement 2/	Head	45	--	--	--	--	Interest on operating capital 9/	Dol	15,833.7	--	0.15	2,438	9.75																																																																																																																																																																																																																																												
Bulls	Head	10	--	--	--	--	Total cash costs	Dol	--	--	--	38,010	152.04																																																																																																																																																																																																																																												
Sales:							Other costs:																																																																																																																																																																																																																																																		
Steer calves	Head	111	434	67.24	32,392	--	Family labor 10/	Hrs	1,639.0	--	4.22	6,917	27.67																																																																																																																																																																																																																																												
Heifer calves	Head	56	400	58.24	13,046	--	Capital replacement 11/	Dol	--	--	--	13,783	55.13																																																																																																																																																																																																																																												
Yearling steers	Head	--	--	--	--	--	Interest on investment other than land 13/	Dol	--	--	--	27,994	111.98																																																																																																																																																																																																																																												
Yearling heifers	Head	10	750	57.10	4,283	--	Interest on land 13/	Dol	--	--	--	84,162	336.65																																																																																																																																																																																																																																												
Cull cows	Head	40	975	34.20	13,338	--	Total other costs	Dol	--	--	--	132,856	531.42																																																																																																																																																																																																																																												
Total sales	Dol	--	--	--	63,059	252.24	Total all costs	Dol	--	--	--	170,866	683.46																																																																																																																																																																																																																																												
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																		
Federal grazing fees 3/	AM	2,059.0	--	2.75	5,662	22.65	Return above cash costs	Dol	--	--	--	25,049	100.20																																																																																																																																																																																																																																												
Private pasture lease	AUM	--	--	--	--	--	Return above cash costs and family labor	Dol	--	--	--	18,132	72.53																																																																																																																																																																																																																																												
Other pasture lease 4/	AUM	--	--	--	--	--	Return to total investment 14/	Dol	--	--	--	4,349	17.40																																																																																																																																																																																																																																												
State land lease	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-23,645	-94.58																																																																																																																																																																																																																																												
Irrigated pasture	AUM	--	--	--	--	--																																																																																																																																																																																																																																																			
Hay produced	Ton	--	--	--	--	--																																																																																																																																																																																																																																																			
Hay purchased	Ton	50.0	--	66.00	3,300	13.20																																																																																																																																																																																																																																																			
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td colspan="14">Feed source:</td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>76.0</td> <td>76.0</td> <td>--</td> <td>--</td> <td>153.0</td> <td>305.0</td> <td>305.0</td> <td>305.0</td> <td>305.0</td> <td>153.0</td> <td>76.0</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>11.0</td> <td>12.0</td> <td>13.0</td> <td>14.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>7.5</td> <td>7.5</td> <td>7.5</td> <td>7.5</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td colspan="14">Marketing month:</td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>111.0</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>56.0</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>10.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>40.0</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:														National Forest 16/	AM	76.0	76.0	--	--	153.0	305.0	305.0	305.0	305.0	153.0	76.0	Bureau of Land Management 16/	AM	--	--	--	--	--	--	--	--	--	--	--	Pasture rent/lease 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--	Deeded rangeland 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	Hay	Ton	11.0	12.0	13.0	14.0	--	--	--	--	--	--	--	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	7.5	7.5	7.5	7.5	--	--	--	--	--	--	--	Marketing month:														Steer calves	Head	--	--	--	--	--	--	--	--	--	111.0	--	Heifer calves	Head	--	--	--	--	--	--	--	--	--	56.0	--	Yearling steers	Head	--	--	--	--	--	--	--	--	--	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	--	10.0	--	--	Cull cows	Head	--	--	--	--	--	--	--	--	--	--	40.0
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Marketing month:																																																																																																																																																																																																																																																									
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Heifer calves	Head	--	--	--	--	--	--	--	--	--	56.0	--																																																																																																																																																																																																																																													
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Cull cows	Head	--	--	--	--	--	--	--	--	--	--	40.0																																																																																																																																																																																																																																													

Table 13--Beef cow enterprises with up to 99 cows, Crooked River National Grasslands, Central Oregon, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																												
Production:							Cash costs--Continued																																																																																																																																																																																																																																																		
Bred cows 1/	Head	53	--	--	--	--	Protein supplement 5/	Ton	--	--	--	--	--																																																																																																																																																																																																																																												
Annual cow loss	Head	1	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																												
Cows culled	Head	5	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--																																																																																																																																																																																																																																												
Calves born alive	Head	48	--	--	--	--	Salt and mineral	Cwt	19.0	--	6.63	126	2.38																																																																																																																																																																																																																																												
Calves lost birth to weaning	Head	1	--	--	--	--	Veterinary & medicine	Dol	--	--	--	277	5.23																																																																																																																																																																																																																																												
Steer calves weaned	Head	23	--	--	--	--	Hired trucking	Dol	--	--	--	69	1.30																																																																																																																																																																																																																																												
Sold as weaners	Head	12	--	--	--	--	Marketing 6/	Dol	--	--	--	171	3.23																																																																																																																																																																																																																																												
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	Dol	--	--	--	578	10.91																																																																																																																																																																																																																																												
Sold as yearlings	Head	11	--	--	--	--	Hired labor	Hrs	106.0	--	4.17	442	8.34																																																																																																																																																																																																																																												
Heifer calves weaned	Head	24	--	--	--	--	Fuel and lubricants	Dol	--	--	--	764	14.42																																																																																																																																																																																																																																												
Sold as weaners	Head	2	--	--	--	--	Repairs	Dol	--	--	--	833	15.72																																																																																																																																																																																																																																												
Lost after weaning	Head	--	--	--	--	--	Taxes 8/	Dol	--	--	--	820	15.47																																																																																																																																																																																																																																												
Sold as yearlings	Head	16	--	--	--	--	Insurance	Dol	--	--	--	269	5.08																																																																																																																																																																																																																																												
Kept for herd replacement 2/	Head	6	--	--	--	--	Interest on operating capital 9/	Dol	3,065.8	--	0.15	454	8.57																																																																																																																																																																																																																																												
Bulls	Head	2	--	--	--	--	Total cash costs	Dol	--	--	--	10,124	191.02																																																																																																																																																																																																																																												
Sales:							Other costs:																																																																																																																																																																																																																																																		
Steer calves	Head	12	420	65.67	3,310	--	Family labor 10/	Hrs	1,060.0	--	4.17	4,420	83.40																																																																																																																																																																																																																																												
Heifer calves	Head	2	350	56.00	392	--	Capital replacement 11/	Dol	--	--	--	2,113	39.87																																																																																																																																																																																																																																												
Yearling steers	Head	11	750	63.06	5,202	--	Interest on investment other than land 13/	Dol	--	--	--	5,526	104.26																																																																																																																																																																																																																																												
Yearling heifers	Head	16	600	55.37	5,316	--	Interest on land 13/	Dol	--	--	--	38,167	720.13																																																																																																																																																																																																																																												
Cull cows	Head	5	900	39.71	1,787	--	Total other costs	Dol	--	--	--	50,226	947.66																																																																																																																																																																																																																																												
Total sales	Dol	--	--	--	16,007	302.02	Total all costs	Dol	--	--	--	60,350	1138.68																																																																																																																																																																																																																																												
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																		
Federal grazing fees 3/	AM	257.0	--	3.34	858	16.19	Return above cash costs and family labor	Dol	--	--	--	5,883	111.00																																																																																																																																																																																																																																												
Private pasture lease	AUM	84.8	--	7.70	653	12.32	Return to total investment 14/	Dol	--	--	--	-650	-12.26																																																																																																																																																																																																																																												
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-6,176	-116.53																																																																																																																																																																																																																																												
State land lease	AUM	--	--	--	--	--																																																																																																																																																																																																																																																			
Irrigated pasture	AUM	--	--	--	--	--																																																																																																																																																																																																																																																			
Hay produced	Ton	102.5	--	37.17	3,810	71.89																																																																																																																																																																																																																																																			
Hay purchased	Ton	--	--	--	--	--																																																																																																																																																																																																																																																			
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Bureau of Land Management 16/	AM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Pasture rent/lease 17/	AUM	--	--	--	10.3	12.4	13.4	14.7	14.5	10.8	8.7	--																																																																																																																																																																																																																																													
State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Deeded rangeland 17/	AUM	--	--	--	30.8	36.1	39.1	43.1	42.6	31.4	25.2	--																																																																																																																																																																																																																																													
Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Crop residue 17/	AUM	18.0	--	--	--	--	--	--	--	--	--	35.5																																																																																																																																																																																																																																													
Hay	Ton	15.9	23.4	25.2	27.3	--	--	--	--	--	--	10.7																																																																																																																																																																																																																																													
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Marketing month:																																																																																																																																																																																																																																																									
Steer calves	Head	--	--	--	--	--	--	--	--	12.0	--	--																																																																																																																																																																																																																																													
Heifer calves	Head	--	--	--	--	--	--	--	--	2.0	--	--																																																																																																																																																																																																																																													
Yearling steers	Head	--	--	--	--	11.0	--	--	--	--	--	--																																																																																																																																																																																																																																													
Yearling heifers	Head	--	--	--	--	14.0	--	--	--	2.0	--	--																																																																																																																																																																																																																																													
Cull cows	Head	--	--	--	--	--	--	--	5.0	--	--	--																																																																																																																																																																																																																																													

Table 14--Beef cow enterprises with 100 or more cows, Crooked River National Grasslands, Central Oregon, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																												
Production:							Cash costs--Continued																																																																																																																																																																																																																																																		
Bred cows 1/	Head	249					Protein supplement 5/	Ton																																																																																																																																																																																																																																																	
Annual cow loss	Head	5					Grain	Bu																																																																																																																																																																																																																																																	
Cows culled	Head	22					Miscellaneous	Ton																																																																																																																																																																																																																																																	
Calves born alive	Head	224					Salt and mineral	Cwt	87.0		6.63	577	2.32																																																																																																																																																																																																																																												
Calves lost birth to weaning	Head	6					Veterinary & medicine	Dol				1,810	7.27																																																																																																																																																																																																																																												
Steer calves weaned	Head	109					Hired trucking	Dol				1,039	4.17																																																																																																																																																																																																																																												
Sold as weaners	Head	54					Marketing 6/	Dol				604	2.43																																																																																																																																																																																																																																												
Lost after weaning	Head	1					General overhead 7/	Dol				1,346	5.41																																																																																																																																																																																																																																												
Sold as yearlings	Head	54					Hired labor	Hrs	981.0		4.17	4,091	16.43																																																																																																																																																																																																																																												
Heifer calves weaned	Head	109					Fuel and lubricants	Dol				4,025	16.16																																																																																																																																																																																																																																												
Sold as weaners	Head	8					Repairs	Dol				3,991	16.03																																																																																																																																																																																																																																												
Lost after weaning	Head	2					Taxes 8/	Dol				3,300	13.25																																																																																																																																																																																																																																												
Sold as yearlings	Head	72					Insurance	Dol				1,139	4.57																																																																																																																																																																																																																																												
Kept for herd							Interest on operating capital 9/	Dol	15,945.9		0.15	2,360	9.48																																																																																																																																																																																																																																												
Replacement 2/	Head	27					Total cash costs	Dol				47,202	189.57																																																																																																																																																																																																																																												
Bulls	Head	11																																																																																																																																																																																																																																																							
Sales:							Other costs:																																																																																																																																																																																																																																																		
Steer calves	Head	54	420	65.67	14,894		Family labor 10/	Hrs	3,620.0		4.17	15,095	60.62																																																																																																																																																																																																																																												
Heifer calves	Head	8	350	56.00	1,568		Capital replacement 11/	Dol				9,058	36.38																																																																																																																																																																																																																																												
Yearling steers	Head	54	750	63.06	25,539		Interest on investment other than land 13/	Dol				23,628	94.89																																																																																																																																																																																																																																												
Yearling heifers	Head	72	600	55.37	23,920		Interest on land 13/	Dol				152,736	613.40																																																																																																																																																																																																																																												
Cull cows	Head	22	900	39.71	7,863		Total other costs	Dol				200,517	805.29																																																																																																																																																																																																																																												
Total sales	Dol				73,784	296.32	Total all costs	Dol				247,719	994.86																																																																																																																																																																																																																																												
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																		
Federal grazing fees 3/	AM	810.0		3.34	2,705	10.86	and family labor	Dol				11,487	46.13																																																																																																																																																																																																																																												
Private pasture lease	AUM	569.4		7.70	4,384	17.61	Return to total investment 14/	Dol				2,429	9.76																																																																																																																																																																																																																																												
Other pasture lease 4/	AUM						Return to land 15/	Dol				-21,199	-85.14																																																																																																																																																																																																																																												
State land lease	AUM																																																																																																																																																																																																																																																								
Irrigated pasture	AUM																																																																																																																																																																																																																																																								
Hay produced	Ton	425.9		37.17	15,831	63.58																																																																																																																																																																																																																																																			
Hay purchased	Ton																																																																																																																																																																																																																																																								
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td colspan="14">Feed source:</td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td></td> <td></td> <td></td> <td>97.0</td> <td>97.0</td> <td>97.0</td> <td>104.0</td> <td>104.0</td> <td>102.0</td> <td>102.0</td> <td></td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td></td> <td></td> <td>17.0</td> <td>27.0</td> <td>25.0</td> <td>11.0</td> <td>7.0</td> <td>7.0</td> <td>7.0</td> <td>6.0</td> <td></td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td></td> <td></td> <td>38.0</td> <td>71.4</td> <td>77.4</td> <td>86.6</td> <td>87.2</td> <td>85.6</td> <td>69.0</td> <td>54.2</td> <td></td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td></td> <td></td> <td>113.9</td> <td>214.1</td> <td>232.3</td> <td>259.7</td> <td>261.6</td> <td>256.8</td> <td>207.0</td> <td>162.7</td> <td></td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>83.3</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>166.0</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>74.7</td> <td>109.6</td> <td>117.1</td> <td>74.7</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>49.8</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="14">Marketing month:</td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>54.0</td> <td></td> <td></td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>8.0</td> <td></td> <td></td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td></td> <td></td> <td></td> <td>54.0</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td></td> <td></td> <td></td> <td>66.0</td> <td></td> <td></td> <td></td> <td>6.0</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>22.0</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:														National Forest 16/	AM				97.0	97.0	97.0	104.0	104.0	102.0	102.0		Bureau of Land Management 16/	AM			17.0	27.0	25.0	11.0	7.0	7.0	7.0	6.0		Pasture rent/lease 17/	AUM			38.0	71.4	77.4	86.6	87.2	85.6	69.0	54.2		State land lease	AUM												Deeded rangeland 17/	AUM			113.9	214.1	232.3	259.7	261.6	256.8	207.0	162.7		Irrigated pasture 17/	AUM												Crop residue 17/	AUM	83.3										166.0	Hay	Ton	74.7	109.6	117.1	74.7							49.8	Grain	Bu												Protein supplement	Ton												Marketing month:														Steer calves	Head									54.0			Heifer calves	Head									8.0			Yearling steers	Head				54.0								Yearling heifers	Head				66.0				6.0				Cull cows	Head							22.0				
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																													
Feed source:																																																																																																																																																																																																																																																									
National Forest 16/	AM				97.0	97.0	97.0	104.0	104.0	102.0	102.0																																																																																																																																																																																																																																														
Bureau of Land Management 16/	AM			17.0	27.0	25.0	11.0	7.0	7.0	7.0	6.0																																																																																																																																																																																																																																														
Pasture rent/lease 17/	AUM			38.0	71.4	77.4	86.6	87.2	85.6	69.0	54.2																																																																																																																																																																																																																																														
State land lease	AUM																																																																																																																																																																																																																																																								
Deeded rangeland 17/	AUM			113.9	214.1	232.3	259.7	261.6	256.8	207.0	162.7																																																																																																																																																																																																																																														
Irrigated pasture 17/	AUM																																																																																																																																																																																																																																																								
Crop residue 17/	AUM	83.3										166.0																																																																																																																																																																																																																																													
Hay	Ton	74.7	109.6	117.1	74.7							49.8																																																																																																																																																																																																																																													
Grain	Bu																																																																																																																																																																																																																																																								
Protein supplement	Ton																																																																																																																																																																																																																																																								
Marketing month:																																																																																																																																																																																																																																																									
Steer calves	Head									54.0																																																																																																																																																																																																																																															
Heifer calves	Head									8.0																																																																																																																																																																																																																																															
Yearling steers	Head				54.0																																																																																																																																																																																																																																																				
Yearling heifers	Head				66.0				6.0																																																																																																																																																																																																																																																
Cull cows	Head							22.0																																																																																																																																																																																																																																																	

Table 15--Beef cow enterprises with up to 99 cows, Kiowa National Grasslands, Northeast New Mexico, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																												
Production:							Cash costs--Continued																																																																																																																																																																																																																																																		
Bred cows 1/	Head	55	--	--	--	--	Protein supplement 5/	Ton	7.6	--	248.20	1,886	34.30																																																																																																																																																																																																																																												
Annual cow loss	Head	1	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																												
Cows culled	Head	6	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--																																																																																																																																																																																																																																												
Calves born alive	Head	52	--	--	--	--	Salt and mineral	Cwt	19.3	--	5.80	112	2.04																																																																																																																																																																																																																																												
Calves lost birth to weaning	Head	2	--	--	--	--	Veterinary & medicine	Dol	--	--	--	244	4.44																																																																																																																																																																																																																																												
Steer calves weaned	Head	25	--	--	--	--	Hired trucking	Dol	--	--	--	71	1.29																																																																																																																																																																																																																																												
Sold as weaners	Head	25	--	--	--	--	Marketing 6/	Dol	--	--	--	172	3.13																																																																																																																																																																																																																																												
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	Dol	--	--	--	805	14.64																																																																																																																																																																																																																																												
Sold as yearlings	Head	--	--	--	--	--	Hired labor	Hrs	--	--	--	--	--																																																																																																																																																																																																																																												
Heifer calves weaned	Head	25	--	--	--	--	Fuel and lubricants	Dol	--	--	--	849	15.44																																																																																																																																																																																																																																												
Sold as weaners	Head	16	--	--	--	--	Repairs	Dol	--	--	--	841	15.29																																																																																																																																																																																																																																												
Lost after weaning	Head	2	--	--	--	--	Taxes 8/	Dol	--	--	--	290	5.27																																																																																																																																																																																																																																												
Sold as yearlings	Head	--	--	--	--	--	Insurance	Dol	--	--	--	272	4.95																																																																																																																																																																																																																																												
Kept for herd replacement 2/	Head	7	--	--	--	--	Interest on operating capital 9/	Dol	3,124.6	--	0.15	481	8.75																																																																																																																																																																																																																																												
Bulls	Head	2	--	--	--	--	Total cash costs	Dol	--	--	--	7,119	129.44																																																																																																																																																																																																																																												
Sales:							Other costs:																																																																																																																																																																																																																																																		
Steer calves	Head	25	430	64.59	6,943	--	Family labor 10/	Hrs	580.8	--	4.82	2,799	50.90																																																																																																																																																																																																																																												
Heifer calves	Head	16	410	54.40	3,569	--	Capital replacement 11/	Dol	--	--	--	2,839	51.62																																																																																																																																																																																																																																												
Yearling steers	Head	--	--	--	--	--	Interest on investment other than land 13/	Dol	--	--	--	5,946	108.11																																																																																																																																																																																																																																												
Yearling heifers	Head	--	--	--	--	--	Interest on land 13/	Dol	--	--	--	19,864	361.16																																																																																																																																																																																																																																												
Cull cows	Head	6	1,000	37.71	2,263	--	Total other costs	Dol	--	--	--	31,448	571.78																																																																																																																																																																																																																																												
Total sales	Dol	--	--	--	12,775	232.27	Total all costs	Dol	--	--	--	38,567	701.22																																																																																																																																																																																																																																												
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																		
Federal grazing fees 3/	AM	385.7	--	2.75	1,061	19.29	Return above cash costs and family labor	Dol	--	--	--	5,656	102.84																																																																																																																																																																																																																																												
Private pasture lease	AUM	--	--	--	--	--	Return above cash costs	Dol	--	--	--	2,857	51.95																																																																																																																																																																																																																																												
Other pasture lease 4/	AUM	--	--	--	--	--	Return to total investment 14/	Dol	--	--	--	18	.33																																																																																																																																																																																																																																												
State land lease	AUM	20.8	--	1.70	35	0.64	Return to land 15/	Dol	--	--	--	-5,928	-107.78																																																																																																																																																																																																																																												
Irrigated pasture	AUM	--	--	--	--	--																																																																																																																																																																																																																																																			
Hay produced	Ton	--	--	--	--	--																																																																																																																																																																																																																																																			
Hay purchased	Ton	--	--	--	--	--																																																																																																																																																																																																																																																			
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	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																													
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Grain	Bu	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Protein supplement	Ton	1.9	1.9	1.9	1.9	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
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Cull cows	Head	--	--	--	--	--	--	--	6.0	--	--	--																																																																																																																																																																																																																																													

Table 16--Beef cow enterprises with 100-199 cows, Kiowa National Grasslands, Northeast New Mexico, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																												
Production:							Cash costs--Continued																																																																																																																																																																																																																																																		
Bred cows 1/	Head	130	--	--	--	--	Protein supplement 5/	Ton	18.1	--	248.20	4,492	34.56																																																																																																																																																																																																																																												
Annual cow loss	Head	3	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																												
Cows culled	Head	13	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--																																																																																																																																																																																																																																												
Calves born alive	Head	122	--	--	--	--	Salt and mineral	Cwt	45.5	--	5.80	264	2.03																																																																																																																																																																																																																																												
Calves lost birth to weaning	Head	5	--	--	--	--	Veterinary & medicine	Dol	--	--	--	578	4.45																																																																																																																																																																																																																																												
Steer calves weaned	Head	58	--	--	--	--	Hired trucking	Dol	--	--	--	405	3.12																																																																																																																																																																																																																																												
Sold as weaners	Head	58	--	--	--	--	Marketing 6/	Dol	--	--	--	194	1.49																																																																																																																																																																																																																																												
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	Dol	--	--	--	1,905	14.65																																																																																																																																																																																																																																												
Sold as yearlings	Head	--	--	--	--	--	Hired labor	Hrs	343.0	--	4.82	1,653	12.72																																																																																																																																																																																																																																												
Heifer calves weaned	Head	59	--	--	--	--	Fuel and lubricants	Dol	--	--	--	1,921	14.78																																																																																																																																																																																																																																												
Sold as weaners	Head	39	--	--	--	--	Repairs	Dol	--	--	--	2,162	16.63																																																																																																																																																																																																																																												
Lost after weaning	Head	4	--	--	--	--	Taxes 8/	Dol	--	--	--	700	5.39																																																																																																																																																																																																																																												
Sold as yearlings	Head	--	--	--	--	--	Insurance	Dol	--	--	--	624	4.80																																																																																																																																																																																																																																												
Kept for herd replacement 2/	Head	16	--	--	--	--	Interest on operating capital 9/	Dol	6,986.7	--	0.15	1,076	8.28																																																																																																																																																																																																																																												
Bulls	Head	5	--	--	--	--	Total cash costs	Dol	--	--	--	17,765	136.65																																																																																																																																																																																																																																												
Sales:							Other costs:																																																																																																																																																																																																																																																		
Steer calves	Head	58	430	64.59	16,109	--	Family labor 10/	Hrs	1,030.0	--	4.82	4,965	38.19																																																																																																																																																																																																																																												
Heifer calves	Head	39	410	54.40	8,699	--	Capital replacement 11/	Dol	--	--	--	6,677	51.36																																																																																																																																																																																																																																												
Yearling steers	Head	--	--	--	--	--	Interest on investment other than land 13/	Dol	--	--	--	14,195	109.19																																																																																																																																																																																																																																												
Yearling heifers	Head	--	--	--	--	--	Interest on land 13/	Dol	--	--	--	47,544	365.72																																																																																																																																																																																																																																												
Cull cows	Head	13	1,000	37.71	4,902	228.54	Total other costs	Dol	--	--	--	73,381	564.47																																																																																																																																																																																																																																												
Total sales	Dol	--	--	--	29,710	228.54	Total all costs	Dol	--	--	--	91,146	701.12																																																																																																																																																																																																																																												
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																		
Federal grazing fees 3/	AM	604.9	--	2.75	1,663	12.80	Return above cash costs:	Dol	--	--	--	11,945	91.89																																																																																																																																																																																																																																												
Private pasture lease	AUM	--	--	--	--	--	Return above cash costs:	Dol	--	--	--	6,980	53.69																																																																																																																																																																																																																																												
Other pasture lease 4/	AUM	--	--	--	--	--	Return to total investment 14/	Dol	--	--	--	303	2.33																																																																																																																																																																																																																																												
State land lease	AUM	75.0	--	1.70	128	0.98	Return to land 15/	Dol	--	--	--	-13,892	-106.86																																																																																																																																																																																																																																												
Irrigated pasture	AUM	--	--	--	--	--																																																																																																																																																																																																																																																			
Hay produced	Ton	--	--	--	--	--																																																																																																																																																																																																																																																			
Hay purchased	Ton	--	--	--	--	--																																																																																																																																																																																																																																																			
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Bureau of Land Management 16/	AM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Pasture rent/lease 17/	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
State land lease	AUM	--	--	--	--	15.0	15.0	15.0	15.0	15.0	--	--																																																																																																																																																																																																																																													
Deeded rangeland 17/	AUM	119.4	133.4	146.4	160.4	66.9	71.8	73.8	74.8	70.9	188.0	142.0																																																																																																																																																																																																																																													
Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Hay	Ton	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Protein supplement	Ton	4.5	4.5	4.5	4.6	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Marketing month:																																																																																																																																																																																																																																																									
Steer calves	Head	--	--	--	--	--	--	--	--	58.0	--	--																																																																																																																																																																																																																																													
Heifer calves	Head	--	--	--	--	--	--	--	--	39.0	--	--																																																																																																																																																																																																																																													
Yearling steers	Head	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Yearling heifers	Head	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Cull cows	Head	--	--	--	--	--	--	--	--	13.0	--	--																																																																																																																																																																																																																																													

Table 17--Beef cow enterprises with 200 or more cows, Kiowa National Grasslands, Northeast New Mexico, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																											
Production:							Cash costs--Continued																																																																																																																																																																																																																																																	
Bred cows 1/	Head	656	--	--	--	--	Protein supplement 5/	Ton	90.3	--	248.20	22,412	34.17																																																																																																																																																																																																																																											
Annual cow loss	Head	13	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																											
Cows culled	Head	66	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--																																																																																																																																																																																																																																											
Calves born alive	Head	604	--	--	--	--	Salt and mineral	Cwt	229.6	--	5.80	1,332	2.03																																																																																																																																																																																																																																											
Calves lost birth to weaning	Head	24	--	--	--	--	Veterinary & medicine	Dol	--	--	--	2,884	4.40																																																																																																																																																																																																																																											
Steer calves weaned	Head	290	--	--	--	--	Hired trucking	Dol	--	--	--	2,074	3.16																																																																																																																																																																																																																																											
Sold as weaners	Head	290	--	--	--	--	Marketing 6/	Dol	--	--	--	1,054	1.61																																																																																																																																																																																																																																											
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	Dol	--	--	--	5,815	8.86																																																																																																																																																																																																																																											
Sold as yearlings	Head	--	--	--	--	--	Hired labor	Hrs	5,697.0	--	4.82	27,460	41.86																																																																																																																																																																																																																																											
Heifer calves weaned	Head	290	--	--	--	--	Fuel and lubricants	Dol	--	--	--	9,703	14.79																																																																																																																																																																																																																																											
Sold as weaners	Head	191	--	--	--	--	Repairs	Dol	--	--	--	10,477	15.97																																																																																																																																																																																																																																											
Lost after weaning	Head	20	--	--	--	--	Taxes 8/	Dol	--	--	--	3,111	4.74																																																																																																																																																																																																																																											
Sold as yearlings	Head	--	--	--	--	--	Insurance	Dol	--	--	--	3,069	4.68																																																																																																																																																																																																																																											
Kept for herd replacement 2/	Head	79	--	--	--	--	Interest on operating capital 9/	Dol	34,098.9	--	0.15	5,251	8.01																																																																																																																																																																																																																																											
Bulls	Head	26	--	--	--	--	Total cash costs	Dol	--	--	--	97,183	148.15																																																																																																																																																																																																																																											
Sales:							Other costs:																																																																																																																																																																																																																																																	
Steer calves	Head	290	430	64.59	80,544	--	Family labor 10/	Hrs	1,899.0	--	4.82	9,153	13.95																																																																																																																																																																																																																																											
Heifer calves	Head	191	410	54.44	42,632	--	Capital replacement 11/	Dol	--	--	--	28,613	43.62																																																																																																																																																																																																																																											
Yearling steers	Head	--	--	--	--	--	Interest on investment other than land 13/	Dol	--	--	--	68,221	104.00																																																																																																																																																																																																																																											
Yearling heifers	Head	--	--	--	--	--	Interest on land 13/	Dol	--	--	--	216,426	329.92																																																																																																																																																																																																																																											
Cull cows	Head	66	1,000	37.71	24,889	--	Total other costs	Dol	--	--	--	322,413	491.48																																																																																																																																																																																																																																											
Total sales	Dol	--	--	--	148,065	225.71	Total all costs	Dol	--	--	--	419,596	639.63																																																																																																																																																																																																																																											
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																	
Federal grazing fees 3/	AM	620.0	--	2.75	1,705	2.60	Return above cash costs:	Dol	--	--	--	50,882	77.56																																																																																																																																																																																																																																											
Private pasture lease	AUM	--	--	--	--	--	Return above cash costs:	Dol	--	--	--	41,729	63.61																																																																																																																																																																																																																																											
Other pasture lease 4/	AUM	--	--	--	--	--	Return to total investment 14/	Dol	--	--	--	13,116	20.00																																																																																																																																																																																																																																											
State land lease	AUM	492.0	--	1.70	836	1.28	Return to land 15/	Dol	--	--	--	-55,105	-84.00																																																																																																																																																																																																																																											
Irrigated pasture	AUM	--	--	--	--	--																																																																																																																																																																																																																																																		
Hay produced	Ton	--	--	--	--	--																																																																																																																																																																																																																																																		
Hay purchased	Ton	--	--	--	--	--																																																																																																																																																																																																																																																		
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td>Feed source:</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>124.0</td> <td>124.0</td> <td>124.0</td> <td>124.0</td> <td>124.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>98.4</td> <td>98.4</td> <td>98.4</td> <td>98.4</td> <td>98.4</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>607.6</td> <td>677.6</td> <td>742.6</td> <td>811.6</td> <td>730.2</td> <td>788.4</td> <td>796.4</td> <td>800.4</td> <td>750.2</td> <td>951.0</td> <td>721.0</td> <td>725.0</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>22.6</td> <td>22.6</td> <td>22.6</td> <td>22.5</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Marketing month:</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>290.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>191.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>66.0</td> <td>--</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:													National Forest 16/	AM	--	--	--	124.0	124.0	124.0	124.0	124.0	--	--	--	Bureau of Land Management 16/	AM	--	--	--	--	--	--	--	--	--	--	--	Pasture rent/lease 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	State land lease	AUM	--	--	--	98.4	98.4	98.4	98.4	98.4	--	--	--	Deeded rangeland 17/	AUM	607.6	677.6	742.6	811.6	730.2	788.4	796.4	800.4	750.2	951.0	721.0	725.0	Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	Hay	Ton	--	--	--	--	--	--	--	--	--	--	--	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	22.6	22.6	22.6	22.5	--	--	--	--	--	--	--	Marketing month:													Steer calves	Head	--	--	--	--	--	--	--	--	290.0	--	--	Heifer calves	Head	--	--	--	--	--	--	--	--	191.0	--	--	Yearling steers	Head	--	--	--	--	--	--	--	--	--	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	--	--	--	--	Cull cows	Head	--	--	--	--	--	--	--	--	66.0	--	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																												
Feed source:																																																																																																																																																																																																																																																								
National Forest 16/	AM	--	--	--	124.0	124.0	124.0	124.0	124.0	--	--	--																																																																																																																																																																																																																																												
Bureau of Land Management 16/	AM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																												
Pasture rent/lease 17/	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																												
State land lease	AUM	--	--	--	98.4	98.4	98.4	98.4	98.4	--	--	--																																																																																																																																																																																																																																												
Deeded rangeland 17/	AUM	607.6	677.6	742.6	811.6	730.2	788.4	796.4	800.4	750.2	951.0	721.0	725.0																																																																																																																																																																																																																																											
Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																												
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																												
Hay	Ton	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																												
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																												
Protein supplement	Ton	22.6	22.6	22.6	22.5	--	--	--	--	--	--	--																																																																																																																																																																																																																																												
Marketing month:																																																																																																																																																																																																																																																								
Steer calves	Head	--	--	--	--	--	--	--	--	290.0	--	--																																																																																																																																																																																																																																												
Heifer calves	Head	--	--	--	--	--	--	--	--	191.0	--	--																																																																																																																																																																																																																																												
Yearling steers	Head	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																												
Yearling heifers	Head	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																												
Cull cows	Head	--	--	--	--	--	--	--	--	66.0	--	--																																																																																																																																																																																																																																												

Table 19—Beef cow enterprises of all sizes, LBJ National Grasslands, North-Central Texas, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																												
Production:							Cash costs--Continued																																																																																																																																																																																																																																																		
Bred cows 1/	Head	106	---	---	---	---	Protein supplement 5/	Ton	12.7	---	213.20	2,708	25.55																																																																																																																																																																																																																																												
Annual cow loss	Head	6	---	---	---	---	Grain	Bu	---	---	---	---	---																																																																																																																																																																																																																																												
Cows culled	Head	18	---	---	---	---	Miscellaneous	Ton	---	---	---	---	---																																																																																																																																																																																																																																												
Calves born alive	Head	85	---	---	---	---	Salt and mineral	Cwt	37.1	---	5.59	207	1.95																																																																																																																																																																																																																																												
Calves lost birth to weaning	Head	2	---	---	---	---	Veterinary & medicine	Dol	---	---	---	479	4.52																																																																																																																																																																																																																																												
Steer calves weaned	Head	41	---	---	---	---	Hired trucking	Dol	---	---	---	369	3.48																																																																																																																																																																																																																																												
Sold as weaners	Head	41	---	---	---	---	Marketing 6/	Dol	---	---	---	184	1.74																																																																																																																																																																																																																																												
Lost after weaning	Head	---	---	---	---	---	General overhead 7/	Dol	---	---	---	1,067	10.07																																																																																																																																																																																																																																												
Sold as yearlings	Head	---	---	---	---	---	Hired labor	Hrs	---	---	---	---	---																																																																																																																																																																																																																																												
Heifer calves weaned	Head	42	---	---	---	---	Fuel and lubricants	Dol	---	---	---	2,206	20.81																																																																																																																																																																																																																																												
Sold as weaners	Head	12	---	---	---	---	Repairs	Dol	---	---	---	1,489	14.05																																																																																																																																																																																																																																												
Lost after weaning	Head	1	---	---	---	---	Taxes 8/	Dol	---	---	---	752	7.09																																																																																																																																																																																																																																												
Sold as yearlings	Head	5	---	---	---	---	Insurance	Dol	---	---	---	1,053	9.93																																																																																																																																																																																																																																												
Kept for herd replacement 2/	Head	24	---	---	---	---	Interest on operating capital 9/	Dol	7,089.4	---	0.15	1,085	10.24																																																																																																																																																																																																																																												
Bulls	Head	5	---	---	---	---	Total cash costs	Dol	---	---	---	16,114	152.02																																																																																																																																																																																																																																												
Sales:							Other costs:																																																																																																																																																																																																																																																		
Steer calves	Head	41	480	70.00	13,776	---	Family labor 10/	Hrs	865.0	---	3.61	3,123	29.46																																																																																																																																																																																																																																												
Heifer calves	Head	12	455	60.00	3,276	---	Capital replacement 11/	Dol	---	---	---	4,587	43.27																																																																																																																																																																																																																																												
Yearling steers	Head	---	---	---	---	---	Interest on investment other than land 13/	Dol	---	---	---	10,911	102.93																																																																																																																																																																																																																																												
Yearling heifers	Head	5	650	59.17	1,923	---	Interest on land 13/	Dol	---	---	---	38,013	358.61																																																																																																																																																																																																																																												
Cull cows	Head	18	950	40.66	6,953	---	Total other costs	Dol	---	---	---	56,634	534.28																																																																																																																																																																																																																																												
Total sales	Dol	---	---	---	25,928	244.60	Total all costs	Dol	---	---	---	72,748	686.30																																																																																																																																																																																																																																												
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																		
Federal grazing fees 3/	AM	228.0	---	2.75	627	5.92	Return above cash costs and family labor	Dol	---	---	---	6,691	63.12																																																																																																																																																																																																																																												
Private pasture lease	AUM	204.4	---	8.06	1,647	15.54	Return to total investment 14/	Dol	---	---	---	2,104	19.85																																																																																																																																																																																																																																												
Other pasture lease 4/	AUM	---	---	---	---	---	Return to land 15/	Dol	---	---	---	-8,807	-83.08																																																																																																																																																																																																																																												
State land lease	AUM	---	---	---	---	---																																																																																																																																																																																																																																																			
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Hay purchased	Ton	---	---	---	---	---																																																																																																																																																																																																																																																			
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td colspan="14">Feed source:</td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>19.0</td> <td>19.0</td> <td>18.0</td> <td>19.0</td> <td>20.0</td> <td>18.0</td> <td>18.0</td> <td>17.0</td> <td>18.0</td> <td>19.0</td> <td>24.0</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>8.6</td> <td>10.2</td> <td>11.6</td> <td>19.4</td> <td>20.7</td> <td>21.2</td> <td>23.0</td> <td>23.3</td> <td>21.8</td> <td>15.1</td> <td>7.9</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>49.0</td> <td>57.6</td> <td>65.5</td> <td>109.9</td> <td>117.2</td> <td>119.8</td> <td>130.0</td> <td>132.0</td> <td>123.7</td> <td>85.9</td> <td>44.7</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>8.4</td> <td>8.4</td> <td>8.2</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>8.4</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>3.2</td> <td>3.2</td> <td>3.1</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>3.2</td> </tr> <tr> <td colspan="14">Marketing month:</td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>41.0</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>12.0</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>5.0</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>18.0</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:														National Forest 16/	AM	19.0	19.0	18.0	19.0	20.0	18.0	18.0	17.0	18.0	19.0	24.0	Bureau of Land Management 16/	AM	---	---	---	---	---	---	---	---	---	---	---	Pasture rent/lease 17/	AUM	8.6	10.2	11.6	19.4	20.7	21.2	23.0	23.3	21.8	15.1	7.9	State land lease	AUM	---	---	---	---	---	---	---	---	---	---	---	Deeded rangeland 17/	AUM	49.0	57.6	65.5	109.9	117.2	119.8	130.0	132.0	123.7	85.9	44.7	Irrigated pasture 17/	AUM	---	---	---	---	---	---	---	---	---	---	---	Crop residue 17/	AUM	---	---	---	---	---	---	---	---	---	---	---	Hay	Ton	8.4	8.4	8.2	---	---	---	---	---	---	---	8.4	Grain	Bu	---	---	---	---	---	---	---	---	---	---	---	Protein supplement	Ton	3.2	3.2	3.1	---	---	---	---	---	---	---	3.2	Marketing month:														Steer calves	Head	---	---	---	---	---	41.0	---	---	---	---	---	Heifer calves	Head	---	---	---	---	---	12.0	---	---	---	---	---	Yearling steers	Head	---	---	---	---	---	---	---	---	---	---	---	Yearling heifers	Head	---	---	---	---	---	5.0	---	---	---	---	---	Cull cows	Head	---	---	---	---	---	18.0	---	---	---	---	---
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																													
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National Forest 16/	AM	19.0	19.0	18.0	19.0	20.0	18.0	18.0	17.0	18.0	19.0	24.0																																																																																																																																																																																																																																													
Bureau of Land Management 16/	AM	---	---	---	---	---	---	---	---	---	---	---																																																																																																																																																																																																																																													
Pasture rent/lease 17/	AUM	8.6	10.2	11.6	19.4	20.7	21.2	23.0	23.3	21.8	15.1	7.9																																																																																																																																																																																																																																													
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Deeded rangeland 17/	AUM	49.0	57.6	65.5	109.9	117.2	119.8	130.0	132.0	123.7	85.9	44.7																																																																																																																																																																																																																																													
Irrigated pasture 17/	AUM	---	---	---	---	---	---	---	---	---	---	---																																																																																																																																																																																																																																													
Crop residue 17/	AUM	---	---	---	---	---	---	---	---	---	---	---																																																																																																																																																																																																																																													
Hay	Ton	8.4	8.4	8.2	---	---	---	---	---	---	---	8.4																																																																																																																																																																																																																																													
Grain	Bu	---	---	---	---	---	---	---	---	---	---	---																																																																																																																																																																																																																																													
Protein supplement	Ton	3.2	3.2	3.1	---	---	---	---	---	---	---	3.2																																																																																																																																																																																																																																													
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Yearling heifers	Head	---	---	---	---	---	5.0	---	---	---	---	---																																																																																																																																																																																																																																													
Cull cows	Head	---	---	---	---	---	18.0	---	---	---	---	---																																																																																																																																																																																																																																													

Table 20--Beef cow enterprises with up to 99 cows, Little Missouri National Grasslands, West-Central North Dakota, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow
Production:							Cash costs--Continued						
Bred cows 1/	Head	56	--	--	--	--	Protein supplement 5/	Ton	--	--	--	--	--
Annual cow loss	Head	1	--	--	--	--	Grain	Bu	--	--	--	--	--
Cows culled	Head	7	--	--	--	--	Other feed	Ton	--	--	--	--	--
Calves born alive	Head	48	--	--	--	--	Salt and mineral	Cwt	20.0	--	5.84	117	2.09
Calves lost birth to weaning	Head	2	--	--	--	--	Veterinary & medicine	Dol	--	--	--	407	7.27
Steer calves weaned	Head	23	--	--	--	--	Hired trucking	Dol	--	--	--	138	2.47
Sold as weaners	Head	17	--	--	--	--	Marketing 6/	Dol	--	--	--	380	6.79
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	Dol	--	--	--	641	11.45
Sold as yearlings	Head	6	--	--	--	--	Hired labor	Hrs	158.0	--	4.41	697	12.44
Heifer calves weaned	Head	23	--	--	--	--	Fuel and lubricants	Dol	--	--	--	606	10.82
Sold as weaners	Head	11	--	--	--	--	Repairs	Dol	--	--	--	678	12.11
Lost after weaning	Head	--	--	--	--	--	Taxes 8/	Dol	--	--	--	389	6.95
Sold as yearlings	Head	4	--	--	--	--	Insurance	Dol	--	--	--	303	5.41
Kept for herd replacement 2/	Head	8	--	--	--	--	Interest on operating capital 9/	Dol	4,800.0	--	0.15	648	11.57
Bulls	Head	2	--	--	--	--	Total cash costs	Dol	--	--	--	10,200	182.14
Sales:							Other costs:						
Steer calves	Head	17	400	68.01	4,625	--	Family labor 10/	Hrs	480.0	--	4.41	2,117	37.80
Heifer calves	Head	11	380	61.71	2,579	--	Capital replacement 11/	Dol	--	--	--	2,042	36.47
Yearling steers	Head	6	700	63.39	2,662	--	Interest on investment other than land 13/	Dol	--	--	--	5,726	102.25
Yearling heifers	Head	4	650	58.42	1,519	--	Interest on land 13/	Dol	--	--	--	12,528	223.72
Cull cows	Head	7	950	37.71	2,508	--	Total other costs	Dol	--	--	--	22,413	400.23
Total sales	Dol	--	--	--	13,893	248.09	Total all costs	Dol	--	--	--	32,613	582.38
Cash costs:							Return above cash costs:						
Federal grazing fees 3/	AM	380.0	--	1.86	707	12.63	Return above cash costs and family labor	Dol	--	--	--	3,693	65.95
Private pasture lease 4/	AUM	--	--	--	--	--	Return to total investment 14/	Dol	--	--	--	-466	-8.32
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-6,192	-110.57
State land lease	AUM	--	--	--	--	--							
Irrigated pasture	AUM	--	--	--	--	--							
Hay produced	Ton	86.1	--	52.14	4,489	80.16							
Hay purchased	Ton	--	--	--	--	--							
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Feed source:													
National Forest 16/	AM	--	--	--	--	--	76.0	76.0	76.0	76.0	76.0	--	--
Bureau of Land Management 16/	AM	--	--	--	--	--	--	--	--	--	--	--	--
Pasture rent/lease 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--
State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--	--
Deeded rangeland 17/	AUM	--	--	--	86.0	91.0	--	--	--	--	--	--	--
Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	--	65.0	--
Hay	Ton	20.1	22.2	23.4	--	--	--	--	--	--	--	--	20.4
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--
Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--	--
Marketing month:													
Steer calves	Head	--	--	--	--	--	--	--	--	--	17.0	--	--
Heifer calves	Head	--	--	--	--	--	--	--	--	--	11.0	--	--
Yearling steers	Head	--	--	--	--	--	--	--	--	--	6.0	--	--
Yearling heifers	Head	--	--	--	--	--	--	--	--	--	4.0	--	--
Cull cows	Head	--	--	--	--	--	--	--	--	--	7.0	--	--

Table 21--Beef cow enterprises with 100-299 cows, Little Missouri National Grasslands, West-Central North Dakota, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow
Production:							Cash costs--Continued						
Bred cows 1/	Head	171	--	--	--	--	Protein supplement 5/	Ton	--	--	--	--	--
Annual cow loss	Head	3	--	--	--	--	Grain	Bu	--	--	--	--	--
Cows culled	Head	23	--	--	--	--	Other feed	Ton	--	--	--	--	--
Calves born alive	Head	145	--	--	--	--	Salt and mineral	Cwt	60.0	--	5.84	350	2.05
Calves lost birth to weaning	Head	7	--	--	--	--	Veterinary & medicine	Dol	--	--	--	1,249	7.30
Steer calves weaned	Head	69	--	--	--	--	Hired trucking	Dol	--	--	--	500	2.92
Sold as weaners	Head	52	--	--	--	--	Marketing 6/	Dol	--	--	--	1,074	6.28
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	Dol	--	--	--	1,766	10.33
Sold as yearlings	Head	17	--	--	--	--	Hired labor	Hrs	481.0	--	4.41	2,121	12.40
Heifer calves weaned	Head	69	--	--	--	--	Fuel and lubricants	Dol	--	--	--	2,445	14.30
Sold as weaners	Head	32	--	--	--	--	Repairs	Dol	--	--	--	1,133	6.63
Lost after weaning	Head	1	--	--	--	--	Taxes 8/	Dol	--	--	--	1,092	6.39
Sold as yearlings	Head	10	--	--	--	--	Insurance	Dol	--	--	--	922	5.39
Kept for herd replacement 2/	Head	26	--	--	--	--	Interest on operating capital 9/	Dol	14,218.0	--	0.15	2,175	12.72
Bulls	Head	7	--	--	--	--	Total cash costs	Dol	--	--	--	30,892	180.65
Sales:							Other costs:						
Steer calves	Head	52	400	68.01	14,146	--	Family labor 10/	Hrs	1,467.0	--	4.41	6,469	37.83
Heifer calves	Head	32	380	61.71	7,504	--	Capital replacement 11/	Dol	--	--	--	6,620	38.71
Yearling steers	Head	17	700	63.39	7,543	--	Interest on investment other than land 13/	Dol	--	--	--	17,672	103.35
Yearling heifers	Head	10	650	58.42	3,797	--	Interest on land 13/	Dol	--	--	--	33,638	196.71
Cull cows	Head	23	950	37.71	8,240	--	Total other costs	Dol	--	--	--	64,399	376.60
Total sales	Dol	--	--	--	41,230	241.11	Total all costs	Dol	--	--	--	95,291	557.26
Cash costs:							Return above cash costs:						
Federal grazing fees 3/	AM	1,276.0	--	1.86	2,373	13.88	Return above cash costs and family labor	Dol	--	--	--	10,338	60.46
Private pasture lease	AUM	--	--	--	--	--	Return to total investment 14/	Dol	--	--	--	-2,751	-16.09
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-20,423	-119.43
State land lease	AUM	--	--	--	--	--							
Irrigated pasture	AUM	--	--	--	--	--							
Hay produced	Ton	262.6	--	52.14	13,692	80.07							
Hay purchased	Ton	--	--	--	--	--							
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Feed source:													
National Forest 16/	AM	--	--	--	--	116.0	232.0	232.0	232.0	232.0	232.0	--	--
Bureau of Land Management 16/	AM	--	--	--	--	--	--	--	--	--	--	--	--
Pasture rent/Lease 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--
State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--	--
Deeded rangeland 17/	AUM	--	--	--	259.0	141.0	--	--	--	--	--	--	--
Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	--	201.0	--
Hay	Ton	61.6	67.3	72.4	--	--	--	--	--	--	--	--	61.3
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--
Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--	--
Marketing month:													
Steer calves	Head	--	--	--	--	--	--	--	--	--	52.0	--	--
Heifer calves	Head	--	--	--	--	--	--	--	--	--	32.0	--	--
Yearling steers	Head	--	--	--	--	--	--	--	--	--	17.0	--	--
Yearling heifers	Head	--	--	--	--	--	--	--	--	--	10.0	--	--
Cull cows	Head	--	--	--	--	--	--	--	--	--	23.0	--	--

Table 22--Beef cow enterprises with 300 or more cows, Little Missouri National Grasslands, West-Central North Dakota, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																																											
Production:							Cash costs--Continued																																																																																																																																																																																																																																																																	
Bred cows 1/	Head	312	---	---	---	---	Protein supplement 5/	Ton	---	---	---	---	---																																																																																																																																																																																																																																																											
Annual cow loss	Head	9	---	---	---	---	Grain	Bu	---	---	---	---	---																																																																																																																																																																																																																																																											
Cows culled	Head	38	---	---	---	---	Other feed	Ton	---	---	---	---	---																																																																																																																																																																																																																																																											
Calves born alive	Head	262	---	---	---	---	Salt and mineral	Cwt	109.2	---	5.84	638	2.04																																																																																																																																																																																																																																																											
Calves lost birth to weaning	Head	16	---	---	---	---	Veterinary & medicine	Dol	---	---	---	2,053	6.58																																																																																																																																																																																																																																																											
Steer calves weaned	Head	123	---	---	---	---	Hired trucking	Dol	---	---	---	631	2.02																																																																																																																																																																																																																																																											
Sold as weaners	Head	92	---	---	---	---	Marketing 6/	Dol	---	---	---	807	2.59																																																																																																																																																																																																																																																											
Lost after weaning	Head	---	---	---	---	---	General overhead 7/	Dol	---	---	---	2,923	9.37																																																																																																																																																																																																																																																											
Sold as yearlings	Head	31	---	---	---	---	Hired labor	Hrs	1,464.0	---	4.41	6,456	20.69																																																																																																																																																																																																																																																											
Heifer calves weaned	Head	123	---	---	---	---	Fuel and lubricants	Dol	---	---	---	2,340	7.50																																																																																																																																																																																																																																																											
Sold as weaners	Head	57	---	---	---	---	Repairs	Dol	---	---	---	2,655	8.51																																																																																																																																																																																																																																																											
Lost after weaning	Head	1	---	---	---	---	Taxes 8/	Dol	---	---	---	1,504	4.82																																																																																																																																																																																																																																																											
Sold as yearlings	Head	18	---	---	---	---	Insurance	Dol	---	---	---	1,525	4.89																																																																																																																																																																																																																																																											
Kept for herd replacement 2/	Head	47	---	---	---	---	Interest on operating capital 9/	Dol	28,366.0	---	0.15	3,864	12.39																																																																																																																																																																																																																																																											
Bulls	Head	12	---	---	---	---	Total cash costs	Dol	---	---	---	54,107	173.42																																																																																																																																																																																																																																																											
Sales:							Other costs:																																																																																																																																																																																																																																																																	
Steer calves	Head	92	400	68.01	25,028	---	Family labor 10/	Hrs	1,922.0	---	4.41	8,476	27.17																																																																																																																																																																																																																																																											
Heifer calves	Head	57	380	61.71	13,366	---	Capital replacement 11/	Dol	---	---	---	10,924	35.01																																																																																																																																																																																																																																																											
Yearling steers	Head	31	700	63.39	13,756	---	Interest on investment other than land 13/	Dol	---	---	---	29,388	94.19																																																																																																																																																																																																																																																											
Yearling heifers	Head	18	650	58.42	6,835	---	Interest on land 13/	Dol	---	---	---	50,267	161.11																																																																																																																																																																																																																																																											
Cull cows	Head	38	950	37.71	13,613	---	Total other costs	Dol	---	---	---	99,055	317.48																																																																																																																																																																																																																																																											
Total sales	Dol	---	---	---	72,598	232.69	Total all costs	Dol	---	---	---	153,162	490.90																																																																																																																																																																																																																																																											
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																																	
Federal grazing fees 3/	AM	2,087.0	---	1.86	3,882	12.44	Return above cash costs and family labor	Dol	---	---	---	18,491	59.27																																																																																																																																																																																																																																																											
Private pasture lease	AUM	---	---	---	---	---	Return to total investment 14/	Dol	---	---	---	10,015	32.10																																																																																																																																																																																																																																																											
Other pasture lease 4/	AUM	---	---	---	---	---	Return to land 15/	Dol	---	---	---	-909	-2.91																																																																																																																																																																																																																																																											
State land lease	AUM	---	---	---	---	---	---	---	---	---	---	-30,297	-97.11																																																																																																																																																																																																																																																											
Irrigated pasture	AUM	---	---	---	---	---																																																																																																																																																																																																																																																																		
Hay produced	Ton	476.2	---	52.14	24,829	79.58																																																																																																																																																																																																																																																																		
Hay purchased	Ton	---	---	---	---	---																																																																																																																																																																																																																																																																		
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td colspan="14">Feed source:</td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>274.0</td> <td>364.0</td> <td>371.0</td> <td>374.0</td> <td>381.0</td> <td>323.0</td> <td>---</td> <td>---</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>183.0</td> <td>---</td> <td>---</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>---</td> <td>---</td> <td>---</td> <td>475.0</td> <td>127.0</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>183.0</td> <td>---</td> <td>---</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>111.4</td> <td>121.9</td> <td>131.5</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>111.4</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> </tr> <tr> <td colspan="14">Marketing month:</td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>92.0</td> <td>---</td> <td>---</td> <td>---</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>57.0</td> <td>---</td> <td>---</td> <td>---</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>31.0</td> <td>---</td> <td>---</td> <td>---</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>18.0</td> <td>---</td> <td>---</td> <td>---</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>38.0</td> <td>---</td> <td>---</td> <td>---</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:														National Forest 16/	AM	---	---	---	---	274.0	364.0	371.0	374.0	381.0	323.0	---	---	Bureau of Land Management 16/	AM	---	---	---	---	---	---	---	---	---	---	---	---	Pasture rent/lease 17/	AUM	---	---	---	---	---	---	---	---	---	183.0	---	---	State land lease	AUM	---	---	---	---	---	---	---	---	---	---	---	---	Deeded rangeland 17/	AUM	---	---	---	475.0	127.0	---	---	---	---	---	---	---	Irrigated pasture 17/	AUM	---	---	---	---	---	---	---	---	---	---	---	---	Crop residue 17/	AUM	---	---	---	---	---	---	---	---	---	183.0	---	---	Hay	Ton	111.4	121.9	131.5	---	---	---	---	---	---	---	---	111.4	Grain	Bu	---	---	---	---	---	---	---	---	---	---	---	---	Protein supplement	Ton	---	---	---	---	---	---	---	---	---	---	---	---	Marketing month:														Steer calves	Head	---	---	---	---	---	---	---	---	92.0	---	---	---	Heifer calves	Head	---	---	---	---	---	---	---	---	57.0	---	---	---	Yearling steers	Head	---	---	---	---	---	---	---	---	31.0	---	---	---	Yearling heifers	Head	---	---	---	---	---	---	---	---	18.0	---	---	---	Cull cows	Head	---	---	---	---	---	---	---	---	38.0	---	---	---
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																																												
Feed source:																																																																																																																																																																																																																																																																								
National Forest 16/	AM	---	---	---	---	274.0	364.0	371.0	374.0	381.0	323.0	---	---																																																																																																																																																																																																																																																											
Bureau of Land Management 16/	AM	---	---	---	---	---	---	---	---	---	---	---	---																																																																																																																																																																																																																																																											
Pasture rent/lease 17/	AUM	---	---	---	---	---	---	---	---	---	183.0	---	---																																																																																																																																																																																																																																																											
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Deeded rangeland 17/	AUM	---	---	---	475.0	127.0	---	---	---	---	---	---	---																																																																																																																																																																																																																																																											
Irrigated pasture 17/	AUM	---	---	---	---	---	---	---	---	---	---	---	---																																																																																																																																																																																																																																																											
Crop residue 17/	AUM	---	---	---	---	---	---	---	---	---	183.0	---	---																																																																																																																																																																																																																																																											
Hay	Ton	111.4	121.9	131.5	---	---	---	---	---	---	---	---	111.4																																																																																																																																																																																																																																																											
Grain	Bu	---	---	---	---	---	---	---	---	---	---	---	---																																																																																																																																																																																																																																																											
Protein supplement	Ton	---	---	---	---	---	---	---	---	---	---	---	---																																																																																																																																																																																																																																																											
Marketing month:																																																																																																																																																																																																																																																																								
Steer calves	Head	---	---	---	---	---	---	---	---	92.0	---	---	---																																																																																																																																																																																																																																																											
Heifer calves	Head	---	---	---	---	---	---	---	---	57.0	---	---	---																																																																																																																																																																																																																																																											
Yearling steers	Head	---	---	---	---	---	---	---	---	31.0	---	---	---																																																																																																																																																																																																																																																											
Yearling heifers	Head	---	---	---	---	---	---	---	---	18.0	---	---	---																																																																																																																																																																																																																																																											
Cull cows	Head	---	---	---	---	---	---	---	---	38.0	---	---	---																																																																																																																																																																																																																																																											

Table 23--Beef cow enterprises with up to 99 cows, Oglala National Grasslands, Northwestern Nebraska, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																												
Production:							Cash costs--Continued																																																																																																																																																																																																																																																		
Bred cows 1/	Head	56	--	--	--	--	Protein supplement 5/	Ton	2.0	--	221.60	443	7.91																																																																																																																																																																																																																																												
Annual cow loss	Head	1	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																												
Cows culled	Head	10	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--																																																																																																																																																																																																																																												
Calves born alive	Head	54	--	--	--	--	Salt and mineral	Cwt	19.6	--	3.86	76	1.36																																																																																																																																																																																																																																												
Calves lost birth to weaning	Head	2	--	--	--	--	Veterinary & medicine	Dol	--	--	--	356	6.36																																																																																																																																																																																																																																												
Steer calves weaned	Head	26	--	--	--	--	Hired trucking	Dol	--	--	--	118	2.11																																																																																																																																																																																																																																												
Sold as weaners	Head	26	--	--	--	--	Marketing 6/	Dol	--	--	--	207	3.70																																																																																																																																																																																																																																												
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	Dol	--	--	--	501	8.95																																																																																																																																																																																																																																												
Sold as yearlings	Head	--	--	--	--	--	Hired labor	Hrs	73.0	--	4.40	321	5.74																																																																																																																																																																																																																																												
Heifer calves weaned	Head	26	--	--	--	--	Fuel and lubricants	Dol	--	--	--	761	13.59																																																																																																																																																																																																																																												
Sold as weaners	Head	15	--	--	--	--	Repairs	Dol	--	--	--	725	12.95																																																																																																																																																																																																																																												
Lost after weaning	Head	--	--	--	--	--	Taxes 8/	Dol	--	--	--	316	5.64																																																																																																																																																																																																																																												
Sold as yearlings	Head	3	--	--	--	--	Insurance	Dol	--	--	--	305	5.45																																																																																																																																																																																																																																												
Kept for herd replacement 2/	Head	11	--	--	--	--	Interest on operating capital 9/	Dol	2,775.0	--	0.16	436	7.79																																																																																																																																																																																																																																												
Bulls	Head	2	--	--	--	--	Total cash costs	Dol	--	--	--	7,600	135.71																																																																																																																																																																																																																																												
Sales:							Other costs:																																																																																																																																																																																																																																																		
Steer calves	Head	26	440	68.01	7,780	--	Family labor 10/	Hrs	870.0	--	4.40	3,828	68.36																																																																																																																																																																																																																																												
Heifer calves	Head	15	410	59.70	3,672	--	Capital replacement 11/	Dol	--	--	--	2,120	37.86																																																																																																																																																																																																																																												
Yearling steers	Head	--	--	--	--	--	Interest on investment other than land 13/	Dol	--	--	--	6,084	108.64																																																																																																																																																																																																																																												
Yearling heifers	Head	3	666	58.42	1,167	--	Interest on land 13/	Dol	--	--	--	8,820	157.50																																																																																																																																																																																																																																												
Cull cows	Head	10	950	37.71	3,582	--	Total other costs	Dol	--	--	--	20,852	372.36																																																																																																																																																																																																																																												
Total sales	Dol	--	--	--	16,201	289.30	Total all costs	Dol	--	--	--	28,452	508.07																																																																																																																																																																																																																																												
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																		
Federal grazing fees 3/	AM	321.0	--	1.86	597	10.66	Return above cash costs and family labor	Dol	--	--	--	4,773	85.23																																																																																																																																																																																																																																												
Private pasture lease	AUM	--	--	--	--	--	Return to total investment 14/	Dol	--	--	--	2,653	47.38																																																																																																																																																																																																																																												
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-3,431	-61.27																																																																																																																																																																																																																																												
State land lease	AUM	--	--	--	--	--																																																																																																																																																																																																																																																			
Irrigated pasture	AUM	--	--	--	--	--																																																																																																																																																																																																																																																			
Hay produced	Ton	53.0	--	34.40	1,823	32.56																																																																																																																																																																																																																																																			
Hay purchased	Ton	10.0	--	61.50	615	10.98																																																																																																																																																																																																																																																			
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td colspan="14">Feed source:</td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>32.0</td> <td>64.0</td> <td>64.0</td> <td>66.0</td> <td>65.0</td> <td>30.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>35.0</td> <td>11.0</td> <td>14.0</td> <td>13.0</td> <td>45.0</td> <td>--</td> <td>--</td> <td>--</td> <td>45.0</td> <td>65.0</td> <td>64.0</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>8.0</td> <td>17.0</td> <td>18.0</td> <td>20.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>0.5</td> <td>0.5</td> <td>0.5</td> <td>0.5</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td colspan="14">Marketing month:</td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>26.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>15.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>3.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>10.0</td> <td>--</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:														National Forest 16/	AM	--	--	--	32.0	64.0	64.0	66.0	65.0	30.0	--	--	Bureau of Land Management 16/	AM	--	--	--	--	--	--	--	--	--	--	--	Pasture rent/lease 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--	Deeded rangeland 17/	AUM	35.0	11.0	14.0	13.0	45.0	--	--	--	45.0	65.0	64.0	Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	Hay	Ton	8.0	17.0	18.0	20.0	--	--	--	--	--	--	--	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	0.5	0.5	0.5	0.5	--	--	--	--	--	--	--	Marketing month:														Steer calves	Head	--	--	--	--	--	--	--	--	26.0	--	--	Heifer calves	Head	--	--	--	--	--	--	--	--	15.0	--	--	Yearling steers	Head	--	--	--	--	--	--	--	--	--	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	--	3.0	--	--	Cull cows	Head	--	--	--	--	--	--	--	--	10.0	--	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																													
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Hay	Ton	8.0	17.0	18.0	20.0	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Protein supplement	Ton	0.5	0.5	0.5	0.5	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
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Cull cows	Head	--	--	--	--	--	--	--	--	10.0	--	--																																																																																																																																																																																																																																													

Table 24--Beef cow enterprises with 100-199 cows, Oglala National Grasslands, Northwestern Nebraska, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow
Production:							Cash costs--Continued						
Bred cows 1/	Head	127	--	--	--	--	Protein supplement 5/	Ton	4.0	--	221.60	886	6.98
Annual cow loss	Head	4	--	--	--	--	Grain	Bu	--	--	--	--	--
Cows culled	Head	21	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--
Calves born alive	Head	121	--	--	--	--	Salt and mineral	Cwt	44.4	--	3.86	171	1.35
Calves lost birth to weaning	Head	6	--	--	--	--	Veterinary & medicine	Dol	--	--	--	766	6.03
Steer calves weaned	Head	57	--	--	--	--	Hired trucking	Dol	--	--	--	342	2.69
Sold as weaners	Head	57	--	--	--	--	Marketing 6/	Dol	--	--	--	401	3.16
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	Dol	--	--	--	986	7.76
Sold as yearlings	Head	--	--	--	--	--	Hired labor	Hrs	416.0	--	4.40	1,830	14.41
Heifer calves weaned	Head	58	--	--	--	--	Fuel and lubricants	Dol	--	--	--	1,811	14.26
Sold as weaners	Head	27	--	--	--	--	Repairs	Dol	--	--	--	1,618	12.74
Lost after weaning	Head	1	--	--	--	--	Taxes 8/	Dol	--	--	--	686	5.40
Sold as yearlings	Head	5	--	--	--	--	Insurance	Dol	--	--	--	662	5.21
Kept for herd replacement 2/	Head	25	--	--	--	--	Interest on operating capital 9/	Dol	6,651.6	--	0.16	1,044	8.22
Bulls	Head	5	--	--	--	--	Total cash costs	Dol	--	--	--	18,099	142.51
Sales:							Other costs:						
Steer calves	Head	57	440	68.01	17,057	--	Family labor 10/	Hrs	1,787.0	--	4.40	7,863	61.91
Heifer calves	Head	27	410	59.70	6,609	--	Capital replacement 11/	Dol	--	--	--	4,476	35.24
Yearling steers	Head	--	--	--	--	--	Interest on investment other than land 13/	Dol	--	--	--	13,361	105.21
Yearling heifers	Head	5	666	58.42	1,945	--	Interest on land 13/	Dol	--	--	--	20,161	158.75
Cull cows	Head	21	950	37.71	7,523	--	Total other costs	Dol	--	--	--	45,861	361.11
Total sales	Dol	--	--	--	33,134	260.90	Total all costs	Dol	--	--	--	63,960	503.62
Cash costs:							Return to land 15/						
Federal grazing fees 3/	AM	816.0	--	1.86	1,518	11.95	Return above cash costs:	Dol	--	--	--	15,035	118.39
Private pasture lease	AUM	--	--	--	--	--	Return above cash costs and family labor	Dol	--	--	--	7,172	56.47
Other pasture lease 4/	AUM	--	--	--	--	--	Return to total investment 14/	Dol	--	--	--	2,696	21.23
State land lease	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-10,665	-83.98
Irrigated pasture	AUM	--	--	--	--	--							
Hay produced	Ton	117.0	--	34.40	4,025	31.69							
Hay purchased	Ton	22.0	--	61.50	1,353	10.65							
Feed source:													
National Forest 16/	AM	--	--	--	--	78.0	166.0	169.0	170.0	161.0	72.0	--	--
Bureau of Land Management 16/	AM	--	--	--	--	--	--	--	--	--	--	--	--
Pasture rent/lease 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--
State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--	--
Deeded rangeland 17/	AUM	85.0	30.0	36.0	36.0	96.0	--	--	--	--	98.0	145.0	147.0
Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--
Hay	Ton	17.0	38.0	40.0	44.0	--	--	--	--	--	--	--	--
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--
Protein supplement	Ton	1.0	1.0	1.0	1.0	--	--	--	--	--	--	--	--
Marketing month:													
Steer calves	Head	--	--	--	--	--	--	--	--	--	57.0	--	--
Heifer calves	Head	--	--	--	--	--	--	--	--	--	27.0	--	--
Yearling steers	Head	--	--	--	--	--	--	--	--	--	--	--	--
Yearling heifers	Head	--	--	--	--	--	--	--	--	--	5.0	--	--
Cull cows	Head	--	--	--	--	--	--	--	--	--	21.0	--	--

Table 25--Beef cow enterprises with 200 or more cows, Oglala National Grasslands, Northwestern Nebraska, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																																										
Production:							Cash costs--Continued																																																																																																																																																																																																																																																																
Bred cows 1/	Head	237	--	--	--	--	Protein supplement 5/	Ton	7.2	--	221.60	1,596	6.73																																																																																																																																																																																																																																																										
Annual cow loss	Head	9	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																																										
Cows culled	Head	37	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--																																																																																																																																																																																																																																																										
Calves born alive	Head	221	--	--	--	--	Salt and mineral	Cwt	82.9	--	3.86	320	1.35																																																																																																																																																																																																																																																										
Calves lost birth to weaning	Head	13	--	--	--	--	Veterinary & medicine	Dol	--	--	--	1,429	6.03																																																																																																																																																																																																																																																										
Steer calves weaned	Head	104	--	--	--	--	Hired trucking	Dol	--	--	--	638	2.69																																																																																																																																																																																																																																																										
Sold as weaners	Head	104	--	--	--	--	Marketing 6/	Dol	--	--	--	749	3.16																																																																																																																																																																																																																																																										
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	Dol	--	--	--	2,707	11.42																																																																																																																																																																																																																																																										
Sold as yearlings	Head	--	--	--	--	--	Hired labor	Hrs	776.0	--	4.40	3,414	14.41																																																																																																																																																																																																																																																										
Heifer calves weaned	Head	104	--	--	--	--	Fuel and lubricants	Dol	--	--	--	2,224	9.38																																																																																																																																																																																																																																																										
Sold as weaners	Head	45	--	--	--	--	Repairs	Dol	--	--	--	4,819	20.33																																																																																																																																																																																																																																																										
Lost after weaning	Head	2	--	--	--	--	Taxes 8/	Dol	--	--	--	1,174	4.95																																																																																																																																																																																																																																																										
Sold as yearlings	Head	11	--	--	--	--	Insurance	Dol	--	--	--	1,192	5.03																																																																																																																																																																																																																																																										
Kept for herd replacement 2/	Head	46	--	--	--	--	Interest on operating capital 9/	Dol	12,972.3	--	0.16	2,037	8.60																																																																																																																																																																																																																																																										
Bulls	Head	9	--	--	--	--	Total cash costs	Dol	--	--	--	35,312	149.00																																																																																																																																																																																																																																																										
Sales:							Other costs:																																																																																																																																																																																																																																																																
Steer calves	Head	104	440	68.01	31,121	--	Family labor 10/	Hrs	3,335.0	--	4.40	14,674	61.92																																																																																																																																																																																																																																																										
Heifer calves	Head	45	410	59.70	11,015	--	Capital replacement 11/	Dol	--	--	--	14,109	59.53																																																																																																																																																																																																																																																										
Yearling steers	Head	--	--	--	--	--	Interest on investment other than land 13/	Dol	--	--	--	23,981	101.19																																																																																																																																																																																																																																																										
Yearling heifers	Head	11	666	58.42	4,280	--	Interest on land 13/	Dol	--	--	--	37,364	157.65																																																																																																																																																																																																																																																										
Cull cows	Head	37	950	37.71	13,255	--	Total other costs	Dol	--	--	--	90,128	380.29																																																																																																																																																																																																																																																										
Total sales	Dol	--	--	--	59,671	251.78	Total all costs	Dol	--	--	--	125,440	529.28																																																																																																																																																																																																																																																										
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																																
Federal grazing fees 3/	AM	1,528.0	--	1.86	2,842	11.99	Return above cash costs and family labor	Dol	--	--	--	24,359	102.78																																																																																																																																																																																																																																																										
Private pasture lease 4/	AUM	--	--	--	--	--	Return to total investment 14/	Dol	--	--	--	-4,424	-18.67																																																																																																																																																																																																																																																										
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-28,405	-119.85																																																																																																																																																																																																																																																										
State land lease	AUM	--	--	--	--	--																																																																																																																																																																																																																																																																	
Irrigated pasture	AUM	--	--	--	--	--																																																																																																																																																																																																																																																																	
Hay produced	Ton	217.0	--	34.40	7,465	31.50																																																																																																																																																																																																																																																																	
Hay purchased	Ton	44.0	--	61.50	2,706	11.42																																																																																																																																																																																																																																																																	
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td colspan="14">Feed source:</td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>145.0</td> <td>313.0</td> <td>315.0</td> <td>318.0</td> <td>300.0</td> <td>137.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>162.0</td> <td>58.0</td> <td>62.0</td> <td>62.0</td> <td>180.0</td> <td>--</td> <td>--</td> <td>--</td> <td>179.0</td> <td>271.0</td> <td>274.0</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>31.0</td> <td>70.0</td> <td>76.0</td> <td>84.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>1.8</td> <td>1.8</td> <td>1.8</td> <td>1.8</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td colspan="14">Marketing month:</td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>104.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>45.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>11.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>37.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:														National Forest 16/	AM	--	--	--	--	145.0	313.0	315.0	318.0	300.0	137.0	--	--	Bureau of Land Management 16/	AM	--	--	--	--	--	--	--	--	--	--	--	--	Pasture rent/lease 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--	State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--	--	Deeded rangeland 17/	AUM	162.0	58.0	62.0	62.0	180.0	--	--	--	179.0	271.0	274.0	Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--	Hay	Ton	31.0	70.0	76.0	84.0	--	--	--	--	--	--	--	--	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	1.8	1.8	1.8	1.8	--	--	--	--	--	--	--	--	Marketing month:														Steer calves	Head	--	--	--	--	--	--	--	--	104.0	--	--	--	Heifer calves	Head	--	--	--	--	--	--	--	--	45.0	--	--	--	Yearling steers	Head	--	--	--	--	--	--	--	--	--	--	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	--	11.0	--	--	--	Cull cows	Head	--	--	--	--	--	--	--	--	37.0	--	--	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																																											
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Hay	Ton	31.0	70.0	76.0	84.0	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																										
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																										
Protein supplement	Ton	1.8	1.8	1.8	1.8	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																										
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Heifer calves	Head	--	--	--	--	--	--	--	--	45.0	--	--	--																																																																																																																																																																																																																																																										
Yearling steers	Head	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																										
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Cull cows	Head	--	--	--	--	--	--	--	--	37.0	--	--	--																																																																																																																																																																																																																																																										

Table 26—Beef cow-yearling enterprises of all sizes, Oglala National Grasslands, Northwestern Nebraska, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																												
Production:							Cash costs--Continued																																																																																																																																																																																																																																																		
Bred cows 1/	Head	110	---	---	---	---	Protein supplement 5/	Ton	4.0	---	221.60	886	8.05																																																																																																																																																																																																																																												
Annual cow loss	Head	3	---	---	---	---	Grain	Bu	---	---	---	---	---																																																																																																																																																																																																																																												
Cows culled	Head	19	---	---	---	---	Miscellaneous	Ton	---	---	---	---	---																																																																																																																																																																																																																																												
Calves born alive	Head	105	---	---	---	---	Salt and mineral	Cwt	38.5	---	3.86	149	1.35																																																																																																																																																																																																																																												
Calves lost birth to weaning	Head	5	---	---	---	---	Veterinary & medicine	Dol	---	---	---	663	6.03																																																																																																																																																																																																																																												
Steer calves weaned	Head	50	---	---	---	---	Hired trucking	Dol	---	---	---	296	2.69																																																																																																																																																																																																																																												
Sold as weaners	Head	19	---	---	---	---	Marketing 6/	Dol	---	---	---	348	3.16																																																																																																																																																																																																																																												
Lost after weaning	Head	6	---	---	---	---	General overhead 7/	Dol	---	---	---	1,020	9.27																																																																																																																																																																																																																																												
Sold as yearlings	Head	25	---	---	---	---	Hired labor	Hrs	360.0	---	4.40	1,584	14.40																																																																																																																																																																																																																																												
Heifer calves weaned	Head	50	---	---	---	---	Fuel and lubricants	Dol	---	---	---	877	7.97																																																																																																																																																																																																																																												
Sold as weaners	Head	14	---	---	---	---	Repairs	Dol	---	---	---	1,108	10.07																																																																																																																																																																																																																																												
Lost after weaning	Head	5	---	---	---	---	Taxes 8/	Dol	---	---	---	717	6.52																																																																																																																																																																																																																																												
Sold as yearlings	Head	19	---	---	---	---	Insurance	Dol	---	---	---	496	4.51																																																																																																																																																																																																																																												
Kept for herd replacement 2/	Head	22	---	---	---	---	Interest on operating capital 9/	Dol	5,803.1	---	0.16	911	8.28																																																																																																																																																																																																																																												
Bulls	Head	4	---	---	---	---	Total cash costs	Dol	---	---	---	15,426	140.24																																																																																																																																																																																																																																												
Sales:							Other costs:																																																																																																																																																																																																																																																		
Steer calves	Head	19	440	68.01	5,686	---	Family labor 10/	Hrs	1,548.0	---	4.40	6,811	61.92																																																																																																																																																																																																																																												
Heifer calves	Head	14	410	59.70	3,427	---	Capital replacement 11/	Dol	---	---	---	3,350	30.46																																																																																																																																																																																																																																												
Yearling steers	Head	25	740	63.39	11,727	---	Interest on investment other than land 13/	Dol	---	---	---	10,379	94.36																																																																																																																																																																																																																																												
Yearling heifers	Head	19	690	58.42	7,659	---	Interest on land 13/	Dol	---	---	---	24,780	225.27																																																																																																																																																																																																																																												
Cull cows	Head	19	950	37.71	6,807	---	Total other costs	Dol	---	---	---	45,320	412.00																																																																																																																																																																																																																																												
Total sales	Dol	---	---	---	35,301	320.96	Total all costs	Dol	---	---	---	60,746	552.24																																																																																																																																																																																																																																												
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																		
Federal grazing fees 3/	AM	556.0	---	1.86	1,034	9.40	Return above cash costs:	Dol	---	---	---	19,875	180.68																																																																																																																																																																																																																																												
Private pasture lease	AM	---	---	---	---	---	Return above cash costs:	Dol	---	---	---	13,064	118.76																																																																																																																																																																																																																																												
Other pasture lease 4/	AM	---	---	---	---	---	Return to total investment 14/	Dol	---	---	---	9,714	88.31																																																																																																																																																																																																																																												
State land lease	AM	---	---	---	---	---	Return to land 15/	Dol	---	---	---	-665	-6.05																																																																																																																																																																																																																																												
Irrigated pasture	AM	---	---	---	---	---																																																																																																																																																																																																																																																			
Hay produced	Ton	114.0	---	34.40	3,922	35.65																																																																																																																																																																																																																																																			
Hay purchased	Ton	23.0	---	61.50	1,415	12.86																																																																																																																																																																																																																																																			
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td colspan="14">Feed source:</td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>---</td> <td>---</td> <td>---</td> <td>29.00</td> <td>146.0</td> <td>151.0</td> <td>153.0</td> <td>77.0</td> <td>---</td> <td>---</td> <td>---</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AM</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> </tr> <tr> <td>State land lease</td> <td>AM</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AM</td> <td>80.0</td> <td>32.0</td> <td>33.0</td> <td>40.0</td> <td>159.0</td> <td>---</td> <td>---</td> <td>111.0</td> <td>186.0</td> <td>142.0</td> <td>145.0</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AM</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> </tr> <tr> <td>Crop residue 17/</td> <td>AM</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>18.0</td> <td>37.0</td> <td>40.0</td> <td>42.0</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>1.0</td> <td>1.0</td> <td>1.0</td> <td>1.0</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> </tr> <tr> <td colspan="14">Marketing month:</td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>19.0</td> <td>---</td> <td>---</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>14.0</td> <td>---</td> <td>---</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>25.0</td> <td>---</td> <td>---</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>19.0</td> <td>---</td> <td>---</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>---</td> <td>19.0</td> <td>---</td> <td>---</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:														National Forest 16/	AM	---	---	---	29.00	146.0	151.0	153.0	77.0	---	---	---	Bureau of Land Management 16/	AM	---	---	---	---	---	---	---	---	---	---	---	Pasture rent/lease 17/	AM	---	---	---	---	---	---	---	---	---	---	---	State land lease	AM	---	---	---	---	---	---	---	---	---	---	---	Deeded rangeland 17/	AM	80.0	32.0	33.0	40.0	159.0	---	---	111.0	186.0	142.0	145.0	Irrigated pasture 17/	AM	---	---	---	---	---	---	---	---	---	---	---	Crop residue 17/	AM	---	---	---	---	---	---	---	---	---	---	---	Hay	Ton	18.0	37.0	40.0	42.0	---	---	---	---	---	---	---	Grain	Bu	---	---	---	---	---	---	---	---	---	---	---	Protein supplement	Ton	1.0	1.0	1.0	1.0	---	---	---	---	---	---	---	Marketing month:														Steer calves	Head	---	---	---	---	---	---	---	---	19.0	---	---	Heifer calves	Head	---	---	---	---	---	---	---	---	14.0	---	---	Yearling steers	Head	---	---	---	---	---	---	---	---	25.0	---	---	Yearling heifers	Head	---	---	---	---	---	---	---	---	19.0	---	---	Cull cows	Head	---	---	---	---	---	---	---	---	19.0	---	---
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																													
Feed source:																																																																																																																																																																																																																																																									
National Forest 16/	AM	---	---	---	29.00	146.0	151.0	153.0	77.0	---	---	---																																																																																																																																																																																																																																													
Bureau of Land Management 16/	AM	---	---	---	---	---	---	---	---	---	---	---																																																																																																																																																																																																																																													
Pasture rent/lease 17/	AM	---	---	---	---	---	---	---	---	---	---	---																																																																																																																																																																																																																																													
State land lease	AM	---	---	---	---	---	---	---	---	---	---	---																																																																																																																																																																																																																																													
Deeded rangeland 17/	AM	80.0	32.0	33.0	40.0	159.0	---	---	111.0	186.0	142.0	145.0																																																																																																																																																																																																																																													
Irrigated pasture 17/	AM	---	---	---	---	---	---	---	---	---	---	---																																																																																																																																																																																																																																													
Crop residue 17/	AM	---	---	---	---	---	---	---	---	---	---	---																																																																																																																																																																																																																																													
Hay	Ton	18.0	37.0	40.0	42.0	---	---	---	---	---	---	---																																																																																																																																																																																																																																													
Grain	Bu	---	---	---	---	---	---	---	---	---	---	---																																																																																																																																																																																																																																													
Protein supplement	Ton	1.0	1.0	1.0	1.0	---	---	---	---	---	---	---																																																																																																																																																																																																																																													
Marketing month:																																																																																																																																																																																																																																																									
Steer calves	Head	---	---	---	---	---	---	---	---	19.0	---	---																																																																																																																																																																																																																																													
Heifer calves	Head	---	---	---	---	---	---	---	---	14.0	---	---																																																																																																																																																																																																																																													
Yearling steers	Head	---	---	---	---	---	---	---	---	25.0	---	---																																																																																																																																																																																																																																													
Yearling heifers	Head	---	---	---	---	---	---	---	---	19.0	---	---																																																																																																																																																																																																																																													
Cull cows	Head	---	---	---	---	---	---	---	---	19.0	---	---																																																																																																																																																																																																																																													

Table 28--Beef cow enterprises with 150 or more cows, Pawnee National Grasslands, Northeast Colorado, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																												
Production:							Cash costs--Continued																																																																																																																																																																																																																																																		
Bred cows 1/	Head	232	--	--	--	--	Protein supplement 5/	Ton	27.8	--	193.00	5,365	23.13																																																																																																																																																																																																																																												
Annual cow loss	Head	4	--	--	--	--	Grain (Corn)	Bu	--	--	--	--	--																																																																																																																																																																																																																																												
Cows culled	Head	21	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--																																																																																																																																																																																																																																												
Calves born alive	Head	220	--	--	--	--	Salt and mineral	Cwt	81.2	--	4.57	371	1.60																																																																																																																																																																																																																																												
Calves lost birth to weaning	Head	4	--	--	--	--	Veterinary & medicine	Dol	--	--	--	1,171	5.05																																																																																																																																																																																																																																												
Steer calves weaned	Head	108	--	--	--	--	Hired trucking	Dol	--	--	--	595	2.56																																																																																																																																																																																																																																												
Sold as weaners	Head	32	--	--	--	--	Marketing 6/	Dol	--	--	--	759	3.27																																																																																																																																																																																																																																												
Lost after weaning	Head	2	--	--	--	--	General overhead 7/	Dol	--	--	--	1,889	8.14																																																																																																																																																																																																																																												
Sold as yearlings	Head	74	--	--	--	--	Hired labor	Hrs	949.0	--	4.22	4,005	17.26																																																																																																																																																																																																																																												
Heifer calves weaned	Head	108	--	--	--	--	Fuel and lubricants	Dol	--	--	--	4,834	20.84																																																																																																																																																																																																																																												
Sold as weaners	Head	28	--	--	--	--	Repairs	Dol	--	--	--	3,957	17.06																																																																																																																																																																																																																																												
Lost after weaning	Head	2	--	--	--	--	Taxes 8/	Dol	--	--	--	2,688	11.59																																																																																																																																																																																																																																												
Sold as yearlings	Head	53	--	--	--	--	Insurance	Dol	--	--	--	1,337	5.76																																																																																																																																																																																																																																												
Kept for herd replacement 2/	Head	25	--	--	--	--	Interest on operating capital 9/	Dol	26,070.0	--	0.15	4,015	17.31																																																																																																																																																																																																																																												
Bulls	Head	9	--	--	--	--	Total cash costs	Dol	--	--	--	52,177	224.90																																																																																																																																																																																																																																												
Sales:							Other costs:																																																																																																																																																																																																																																																		
Steer calves	Head	32	478	67.24	10,285	--	Family labor 10/	Hrs	1,207.0	--	4.22	5,094	21.96																																																																																																																																																																																																																																												
Heifer calves	Head	28	446	58.24	7,273	--	Capital replacement 11/	Dol	--	--	--	12,619	54.39																																																																																																																																																																																																																																												
Yearling steers	Head	74	750	65.12	36,142	--	Interest on investment other than land 13/	Dol	--	--	--	25,875	111.53																																																																																																																																																																																																																																												
Yearling heifers	Head	53	720	60.85	23,220	--	Interest on land 13/	Dol	--	--	--	132,804	572.43																																																																																																																																																																																																																																												
Cull cows	Head	21	983	34.20	7,060	--	Total other costs	Dol	--	--	--	176,392	760.31																																																																																																																																																																																																																																												
Total sales	Dol	--	--	--	83,980	361.98	Total all costs	Dol	--	--	--	228,569	985.21																																																																																																																																																																																																																																												
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																		
Federal grazing fees 3/	AM	570.0	--	2.75	1,568	6.76	Return above cash costs and family labor	Dol	--	--	--	26,709	115.13																																																																																																																																																																																																																																												
Private pasture lease	AUM	676.1	--	9.04	6,112	26.34	Return to total investment 14/	Dol	--	--	--	14,090	60.73																																																																																																																																																																																																																																												
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-11,785	-50.80																																																																																																																																																																																																																																												
State land lease	AUM	--	--	--	--	--																																																																																																																																																																																																																																																			
Irrigated pasture	AUM	--	--	--	--	--																																																																																																																																																																																																																																																			
Hay produced	Ton	208.5	--	42.80	8,924	38.47																																																																																																																																																																																																																																																			
Hay purchased	Ton	69.5	--	66.00	4,587	19.77																																																																																																																																																																																																																																																			
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td colspan="14">Feed source:</td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>57.0</td> <td>114.0</td> <td>114.0</td> <td>114.0</td> <td>114.0</td> <td>57.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>119.7</td> <td>108.5</td> <td>93.5</td> <td>95.1</td> <td>94.2</td> <td>89.7</td> <td>75.4</td> <td>--</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>45.4</td> <td>76.4</td> <td>99.4</td> <td>279.3</td> <td>253.1</td> <td>218.3</td> <td>222.0</td> <td>219.9</td> <td>209.4</td> <td>175.8</td> <td>200.0</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>105.0</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>69.5</td> <td>69.5</td> <td>69.5</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>69.5</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>6.9</td> <td>6.9</td> <td>7.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>7.0</td> </tr> <tr> <td colspan="14">Marketing month:</td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>32.0</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>28.0</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>74.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>53.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>21.0</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:														National Forest 16/	AM	--	--	--	57.0	114.0	114.0	114.0	114.0	57.0	--	--	Bureau of Land Management 16/	AM	--	--	--	--	--	--	--	--	--	--	--	Pasture rent/lease 17/	AUM	--	--	119.7	108.5	93.5	95.1	94.2	89.7	75.4	--	--	State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--	Deeded rangeland 17/	AUM	45.4	76.4	99.4	279.3	253.1	218.3	222.0	219.9	209.4	175.8	200.0	Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	105.0	--	Hay	Ton	69.5	69.5	69.5	--	--	--	--	--	--	--	69.5	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	6.9	6.9	7.0	--	--	--	--	--	--	--	7.0	Marketing month:														Steer calves	Head	--	--	--	--	--	--	--	--	--	32.0	--	Heifer calves	Head	--	--	--	--	--	--	--	--	--	28.0	--	Yearling steers	Head	--	--	--	--	--	--	--	74.0	--	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	53.0	--	--	--	Cull cows	Head	--	--	--	--	--	--	--	--	--	--	21.0
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																													
Feed source:																																																																																																																																																																																																																																																									
National Forest 16/	AM	--	--	--	57.0	114.0	114.0	114.0	114.0	57.0	--	--																																																																																																																																																																																																																																													
Bureau of Land Management 16/	AM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Pasture rent/lease 17/	AUM	--	--	119.7	108.5	93.5	95.1	94.2	89.7	75.4	--	--																																																																																																																																																																																																																																													
State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Deeded rangeland 17/	AUM	45.4	76.4	99.4	279.3	253.1	218.3	222.0	219.9	209.4	175.8	200.0																																																																																																																																																																																																																																													
Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	105.0	--																																																																																																																																																																																																																																													
Hay	Ton	69.5	69.5	69.5	--	--	--	--	--	--	--	69.5																																																																																																																																																																																																																																													
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Protein supplement	Ton	6.9	6.9	7.0	--	--	--	--	--	--	--	7.0																																																																																																																																																																																																																																													
Marketing month:																																																																																																																																																																																																																																																									
Steer calves	Head	--	--	--	--	--	--	--	--	--	32.0	--																																																																																																																																																																																																																																													
Heifer calves	Head	--	--	--	--	--	--	--	--	--	28.0	--																																																																																																																																																																																																																																													
Yearling steers	Head	--	--	--	--	--	--	--	74.0	--	--	--																																																																																																																																																																																																																																													
Yearling heifers	Head	--	--	--	--	--	--	--	53.0	--	--	--																																																																																																																																																																																																																																													
Cull cows	Head	--	--	--	--	--	--	--	--	--	--	21.0																																																																																																																																																																																																																																													

Table 29--Beef cow enterprises of all sizes, Rita Blanca National Grasslands, Northwest Texas, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																												
Production:							Cash costs--Continued																																																																																																																																																																																																																																																		
Bred cows 1/	Head	80	--	--	--	--	Protein supplement 5/	Ton	11.2	--	213.20	2,388	29.85																																																																																																																																																																																																																																												
Annual cow loss	Head	2	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																												
Cows culled	Head	8	--	--	--	--	Other feed	Ton	--	--	--	--	--																																																																																																																																																																																																																																												
Calves born alive	Head	76	--	--	--	--	Salt and mineral	Cwt	28.0	--	5.59	157	1.96																																																																																																																																																																																																																																												
Calves lost birth to weaning	Head	2	--	--	--	--	Veterinary & medicine	Dol	--	--	--	356	4.45																																																																																																																																																																																																																																												
Steer calves weaned	Head	37	--	--	--	--	Hired trucking	Dol	--	--	--	119	1.49																																																																																																																																																																																																																																												
Sold as weaners	Head	37	--	--	--	--	Marketing 6/	Dol	--	--	--	251	3.14																																																																																																																																																																																																																																												
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	Dol	--	--	--	1,173	14.66																																																																																																																																																																																																																																												
Sold as yearlings	Head	--	--	--	--	--	Hired labor	Hrs	211.0	--	3.61	762	9.53																																																																																																																																																																																																																																												
Heifer calves weaned	Head	37	--	--	--	--	Fuel and lubricants	Dol	--	--	--	1,312	16.40																																																																																																																																																																																																																																												
Sold as weaners	Head	24	--	--	--	--	Repairs	Dol	--	--	--	1,407	17.59																																																																																																																																																																																																																																												
Lost after weaning	Head	--	--	--	--	--	Taxes 8/	Dol	--	--	--	623	7.79																																																																																																																																																																																																																																												
Sold as yearlings	Head	3	--	--	--	--	Insurance	Dol	--	--	--	753	9.41																																																																																																																																																																																																																																												
Kept for herd replacement 2/	Head	10	--	--	--	--	Interest on operating capital 9/	Dol	4,168.7	--	0.15	638	7.98																																																																																																																																																																																																																																												
Bulls	Head	3	--	--	--	--	Total cash costs	Dol	--	--	--	11,422	142.78																																																																																																																																																																																																																																												
Sales:							Other costs:																																																																																																																																																																																																																																																		
Steer calves	Head	37	430	65.29	10,388	--	Family labor 10/	Hrs	634.0	--	3.61	2,289	28.61																																																																																																																																																																																																																																												
Heifer calves	Head	24	410	54.44	5,357	--	Capital replacement 11/	Dol	--	--	--	4,473	55.91																																																																																																																																																																																																																																												
Yearling steers	Head	--	--	--	--	--	Interest on investment other than land 13/	Dol	--	--	--	8,958	111.98																																																																																																																																																																																																																																												
Yearling heifers	Head	3	650	54.76	1,068	--	Interest on land 13/	Dol	--	--	--	28,959	361.99																																																																																																																																																																																																																																												
Cull cows	Head	8	950	37.71	2,866	--	Total other costs	Dol	--	--	--	44,679	558.49																																																																																																																																																																																																																																												
Total sales	Dol	--	--	--	19,679	245.99	Total all costs	Dol	--	--	--	56,101	701.26																																																																																																																																																																																																																																												
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																		
Federal grazing fees 3/	AM	522.0	--	2.75	1,436	17.95	Return above cash costs and family labor	Dol	--	--	--	8,257	103.21																																																																																																																																																																																																																																												
Private pasture lease	AUM	--	--	--	--	--	Return to total investment 14/	Dol	--	--	--	5,968	74.60																																																																																																																																																																																																																																												
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	1,495	18.69																																																																																																																																																																																																																																												
State land lease	AUM	27.8	--	1.70	47	0.59					--	-7,463	-93.29																																																																																																																																																																																																																																												
Irrigated pasture	AUM	--	--	--	--	--																																																																																																																																																																																																																																																			
Hay produced	Ton	--	--	--	--	--																																																																																																																																																																																																																																																			
Hay purchased	Ton	--	--	--	--	--																																																																																																																																																																																																																																																			
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td colspan="14">Feed source:</td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>87.0</td> <td>87.0</td> <td>87.0</td> <td>87.0</td> <td>87.0</td> <td>87.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>3.1</td> <td>3.9</td> <td>4.9</td> <td>4.9</td> <td>6.1</td> <td>4.9</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>44.0</td> <td>89.0</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>44.0</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>24.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>2.8</td> <td>2.8</td> <td>2.8</td> <td>2.8</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td colspan="14">Marketing month:</td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>37.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>24.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>3.0</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>8.0</td> <td>--</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:														National Forest 16/	AM	--	--	--	87.0	87.0	87.0	87.0	87.0	87.0	--	--	Bureau of Land Management 16/	AM	--	--	--	--	--	--	--	--	--	--	--	Pasture rent/lease 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	State land lease	AUM	--	--	--	3.1	3.9	4.9	4.9	6.1	4.9	--	--	Deeded rangeland 17/	AUM	--	--	--	--	--	--	--	--	--	44.0	89.0	Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	44.0	--	Hay	Ton	--	--	--	--	--	--	--	--	24.0	--	--	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	2.8	2.8	2.8	2.8	--	--	--	--	--	--	--	Marketing month:														Steer calves	Head	--	--	--	--	--	--	--	--	37.0	--	--	Heifer calves	Head	--	--	--	--	--	--	--	--	24.0	--	--	Yearling steers	Head	--	--	--	--	--	--	--	--	--	--	3.0	Yearling heifers	Head	--	--	--	--	--	--	--	--	--	--	--	Cull cows	Head	--	--	--	--	--	--	--	--	8.0	--	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																													
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Bureau of Land Management 16/	AM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
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State land lease	AUM	--	--	--	3.1	3.9	4.9	4.9	6.1	4.9	--	--																																																																																																																																																																																																																																													
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Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	44.0	--																																																																																																																																																																																																																																													
Hay	Ton	--	--	--	--	--	--	--	--	24.0	--	--																																																																																																																																																																																																																																													
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Protein supplement	Ton	2.8	2.8	2.8	2.8	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Marketing month:																																																																																																																																																																																																																																																									
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Heifer calves	Head	--	--	--	--	--	--	--	--	24.0	--	--																																																																																																																																																																																																																																													
Yearling steers	Head	--	--	--	--	--	--	--	--	--	--	3.0																																																																																																																																																																																																																																													
Yearling heifers	Head	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Cull cows	Head	--	--	--	--	--	--	--	--	8.0	--	--																																																																																																																																																																																																																																													

Table 31--Beef cow enterprises with up to 199 cows, South Dakota National Grasslands, Western South Dakota, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow
Production:							Cash costs--Continued						
Bred cows 1/	Head	92	--	--	--	--	Protein supplement 5/	Ton	5.3	--	222.20	1,178	12.80
Annual cow loss	Head	3	--	--	--	--	Grain (Corn)	Bu	22.5	--	2.01	45	0.49
Cows culled	Head	11	--	--	--	--	Miscellaneous	Ton	--	--	--	746	8.11
Calves born alive	Head	85	--	--	--	--	Salt and mineral	Cwt	32.2	--	4.82	155	1.68
Calves lost birth to weaning	Head	4	--	--	--	--	Veterinary & medicine	Dol	--	--	--	626	6.80
Steer calves weaned	Head	40	--	--	--	--	Hired trucking	Dol	--	--	--	300	3.26
Sold as weaners	Head	28	--	--	--	--	Marketing 6/	Dol	--	--	--	579	6.29
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	Dol	--	--	--	707	7.68
Sold as yearlings	Head	12	--	--	--	--	Hired labor	Hrs	259.0	--	4.10	1,062	11.54
Heifer calves weaned	Head	41	--	--	--	--	Fuel and lubricants	Dol	--	--	--	2,606	28.33
Sold as weaners	Head	11	--	--	--	--	Repairs	Dol	--	--	--	1,867	20.29
Lost after weaning	Head	--	--	--	--	--	Taxes 8/	Dol	--	--	--	1,245	13.53
Sold as yearlings	Head	16	--	--	--	--	Insurance	Dol	--	--	--	687	7.47
Kept for herd replacement 2/	Head	14	--	--	--	--	Interest on operating capital 9/	Dol	9,989.8	--	0.16	1,568	17.04
Bulls	Head	4	--	--	--	--	Total cash costs	Dol	--	--	--	22,986	249.85
Sales:							Other costs:						
Steer calves	Head	28	443	67.24	8,340	--	Family labor 10/	Hrs	789.0	--	4.10	3,235	35.16
Heifer calves	Head	11	412	58.24	2,639	--	Capital replacement 11/	Dol	--	--	--	5,163	56.12
Yearling steers	Head	12	690	65.95	5,461	--	Interest on investment other than land 13/	Dol	--	--	--	13,216	143.65
Yearling heifers	Head	16	624	60.85	6,075	--	Interest on land 13/	Dol	--	--	--	33,010	358.80
Cull cows	Head	11	1,003	35.05	3,867	--	Total other costs	Dol	--	--	--	54,624	593.74
Total sales	Dol	--	--	--	26,382	286.76	Total all costs	Dol	--	--	--	77,610	843.59
Cash costs:							Return above cash costs:						
Federal grazing fees 3/	AM	467.0	--	3.56	1,663	18.08	Return above cash costs and family labor investment 14/	Dol	--	--	--	3,396	36.91
Private pasture lease	AUM	168.7	--	11.09	1,871	20.34	Return to land 15/	Dol	--	--	--	161	1.75
Other pasture lease 4/	AUM	--	--	--	--	--							
State land lease	AUM	--	--	--	--	--							
Irrigated pasture	AUM	--	--	--	--	--							
Hay produced	Ton	135.2	--	34.40	4,651	50.55							
Hay purchased	Ton	17.3	--	82.67	1,430	15.54							
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Feed source:													
National Forest 16/	AM	--	--	--	--	66.0	85.0	85.0	87.0	75.0	60.0	9.0	--
Bureau of Land Management 16/	AM	--	--	--	--	--	--	--	--	--	--	--	--
Pasture rent/lease 17/	AUM	--	--	--	--	24.8	24.8	26.3	26.3	26.3	23.2	9.3	7.7
State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--	--
Deeded rangeland 17/	AUM	--	--	--	--	26.0	19.4	23.5	17.9	39.0	25.6	54.1	40.0
Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--
Hay	Ton	25.3	28.9	32.2	38.0	3.7	--	--	--	--	--	9.3	15.1
Grain	Bu	5.2	4.9	4.5	3.2	0.7	--	--	--	--	--	1.6	2.4
Protein supplement	Ton	0.8	0.8	0.9	0.9	0.2	0.1	--	0.1	0.1	0.1	0.4	0.9
Marketing month:													
Steer calves	Head	--	--	--	--	--	--	--	--	--	--	28.0	--
Heifer calves	Head	--	--	--	--	--	--	--	--	--	--	11.0	--
Yearling steers	Head	--	--	--	--	--	--	--	--	12.0	--	--	--
Yearling heifers	Head	--	--	--	--	--	--	--	--	10.0	--	6.0	--
Cull cows	Head	--	--	--	--	--	--	--	--	--	--	11.0	--

Table 32--Beef cow enterprises with 200 or more cows, South Dakota National Grasslands, Western South Dakota, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																												
Production:							Cash costs--Continued																																																																																																																																																																																																																																																		
Bred cows 1/	Head	402	--	--	--	--	Protein supplement 5/	Ton	51.5	--	222.20	11,443	28.47																																																																																																																																																																																																																																												
Annual cow loss	Head	5	--	--	--	--	Grain (Corn)	Bu	36.1	--	2.01	73	0.18																																																																																																																																																																																																																																												
Cows culled	Head	32	--	--	--	--	Miscellaneous	Ton	--	--	--	947	2.36																																																																																																																																																																																																																																												
Calves born alive	Head	370	--	--	--	--	Salt and mineral	Cwt	140.7	--	4.82	678	1.69																																																																																																																																																																																																																																												
Calves lost birth to weaning	Head	17	--	--	--	--	Veterinary & medicine	Dol	--	--	--	1,485	3.69																																																																																																																																																																																																																																												
Steer calves weaned	Head	176	--	--	--	--	Hired trucking	Dol	--	--	--	932	2.32																																																																																																																																																																																																																																												
Sold as weaners	Head	132	--	--	--	--	Marketing 6/	Dol	--	--	--	1,558	3.88																																																																																																																																																																																																																																												
Lost after weaning	Head	1	--	--	--	--	General overhead 7/	Dol	--	--	--	2,513	6.25																																																																																																																																																																																																																																												
Sold as yearlings	Head	43	--	--	--	--	Hired labor	Hrs	1,886.0	--	4.10	7,733	19.24																																																																																																																																																																																																																																												
Heifer calves weaned	Head	177	--	--	--	--	Fuel and lubricants	Dol	--	--	--	6,313	15.70																																																																																																																																																																																																																																												
Sold as weaners	Head	30	--	--	--	--	Repairs	Dol	--	--	--	5,123	12.74																																																																																																																																																																																																																																												
Lost after weaning	Head	3	--	--	--	--	Taxes 8/	Dol	--	--	--	5,631	14.01																																																																																																																																																																																																																																												
Sold as yearlings	Head	107	--	--	--	--	Insurance	Dol	--	--	--	2,730	6.79																																																																																																																																																																																																																																												
Kept for herd replacement 2/	Head	37	--	--	--	--	Interest on operating capital 9/	Dol	31,047.5	--	0.16	4,874	12.12																																																																																																																																																																																																																																												
Bulls	Head	15	--	--	--	--	Total cash costs	Dol	--	--	--	71,152	177.00																																																																																																																																																																																																																																												
Sales:							Other costs:																																																																																																																																																																																																																																																		
Steer calves	Head	132	423	67.24	37,544	--	Family labor 10/	Hrs	2,476.0	--	4.10	10,152	25.25																																																																																																																																																																																																																																												
Heifer calves	Head	30	404	58.24	7,059	--	Capital replacement 11/	Dol	--	--	--	15,487	38.52																																																																																																																																																																																																																																												
Yearling steers	Head	43	715	65.12	20,021	--	Interest on investment other than land 13/	Dol	--	--	--	51,955	129.24																																																																																																																																																																																																																																												
Yearling heifers	Head	107	704	60.85	45,837	--	Interest on land 13/	Dol	--	--	--	160,206	398.52																																																																																																																																																																																																																																												
Cull cows	Head	32	1,008	35.05	11,306	--	Total other costs	Dol	--	--	--	237,800	591.54																																																																																																																																																																																																																																												
Total sales	Dol	--	--	--	121,767	302.90	Total all costs	Dol	--	--	--	308,952	768.54																																																																																																																																																																																																																																												
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																		
Federal grazing fees 3/	AM	963.0	--	3.56	3,428	8.53	and family labor	Dol	--	--	--	40,463	100.65																																																																																																																																																																																																																																												
Private pasture lease	AUM	235.7	--	11.09	2,614	6.50	Return to total investment 14/	Dol	--	--	--	24,976	62.13																																																																																																																																																																																																																																												
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-26,979	-67.11																																																																																																																																																																																																																																												
State land lease	AUM	--	--	--	--	--																																																																																																																																																																																																																																																			
Irrigated pasture	AUM	--	--	--	--	--																																																																																																																																																																																																																																																			
Hay produced	Ton	284.0	--	34.40	9,770	24.30																																																																																																																																																																																																																																																			
Hay purchased	Ton	40.0	--	82.67	3,307	8.23																																																																																																																																																																																																																																																			
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td colspan="14">Feed source:</td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>137.0</td> <td>160.0</td> <td>152.0</td> <td>156.0</td> <td>159.0</td> <td>146.0</td> <td>40.0</td> <td>13.0</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>9.0</td> <td>10.1</td> <td>14.9</td> <td>19.8</td> <td>24.8</td> <td>25.3</td> <td>26.7</td> <td>25.8</td> <td>18.7</td> <td>19.7</td> <td>14.0</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>140.8</td> <td>162.7</td> <td>253.7</td> <td>347.2</td> <td>432.1</td> <td>409.7</td> <td>446.6</td> <td>431.2</td> <td>274.5</td> <td>343.5</td> <td>236.4</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>68.0</td> <td>77.8</td> <td>68.0</td> <td>58.3</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>9.7</td> <td>42.2</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>10.8</td> <td>9.8</td> <td>5.4</td> <td>2.9</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>1.1</td> <td>6.1</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>8.2</td> <td>8.2</td> <td>8.2</td> <td>7.7</td> <td>1.5</td> <td>0.5</td> <td>1.0</td> <td>1.0</td> <td>1.0</td> <td>5.5</td> <td>7.7</td> </tr> <tr> <td colspan="14">Marketing month:</td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>132.0</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>30.0</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>43.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>99.0</td> <td>--</td> <td>8.0</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>32.0</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:														National Forest 16/	AM	--	--	--	137.0	160.0	152.0	156.0	159.0	146.0	40.0	13.0	Bureau of Land Management 16/	AM	--	--	--	--	--	--	--	--	--	--	--	Pasture rent/lease 17/	AUM	9.0	10.1	14.9	19.8	24.8	25.3	26.7	25.8	18.7	19.7	14.0	State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--	Deeded rangeland 17/	AUM	140.8	162.7	253.7	347.2	432.1	409.7	446.6	431.2	274.5	343.5	236.4	Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	Hay	Ton	68.0	77.8	68.0	58.3	--	--	--	--	--	9.7	42.2	Grain	Bu	10.8	9.8	5.4	2.9	--	--	--	--	--	1.1	6.1	Protein supplement	Ton	8.2	8.2	8.2	7.7	1.5	0.5	1.0	1.0	1.0	5.5	7.7	Marketing month:														Steer calves	Head	--	--	--	--	--	--	--	--	--	132.0	--	Heifer calves	Head	--	--	--	--	--	--	--	--	--	30.0	--	Yearling steers	Head	--	--	--	--	--	--	--	43.0	--	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	99.0	--	8.0	--	Cull cows	Head	--	--	--	--	--	--	--	--	--	32.0	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																													
Feed source:																																																																																																																																																																																																																																																									
National Forest 16/	AM	--	--	--	137.0	160.0	152.0	156.0	159.0	146.0	40.0	13.0																																																																																																																																																																																																																																													
Bureau of Land Management 16/	AM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Pasture rent/lease 17/	AUM	9.0	10.1	14.9	19.8	24.8	25.3	26.7	25.8	18.7	19.7	14.0																																																																																																																																																																																																																																													
State land lease	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Deeded rangeland 17/	AUM	140.8	162.7	253.7	347.2	432.1	409.7	446.6	431.2	274.5	343.5	236.4																																																																																																																																																																																																																																													
Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																													
Hay	Ton	68.0	77.8	68.0	58.3	--	--	--	--	--	9.7	42.2																																																																																																																																																																																																																																													
Grain	Bu	10.8	9.8	5.4	2.9	--	--	--	--	--	1.1	6.1																																																																																																																																																																																																																																													
Protein supplement	Ton	8.2	8.2	8.2	7.7	1.5	0.5	1.0	1.0	1.0	5.5	7.7																																																																																																																																																																																																																																													
Marketing month:																																																																																																																																																																																																																																																									
Steer calves	Head	--	--	--	--	--	--	--	--	--	132.0	--																																																																																																																																																																																																																																													
Heifer calves	Head	--	--	--	--	--	--	--	--	--	30.0	--																																																																																																																																																																																																																																													
Yearling steers	Head	--	--	--	--	--	--	--	43.0	--	--	--																																																																																																																																																																																																																																													
Yearling heifers	Head	--	--	--	--	--	--	--	99.0	--	8.0	--																																																																																																																																																																																																																																													
Cull cows	Head	--	--	--	--	--	--	--	--	--	32.0	--																																																																																																																																																																																																																																													

Table 34—Beef cow enterprises with 200-499 cows, Thunder Basin National Grasslands, East-Central Wyoming, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																												
Production:							Cash costs--Continued																																																																																																																																																																																																																																																		
Bred cows 1/	Head	332	--	--	--	--	Protein supplement 5/	Ton	74.7	--	218.40	16,314	49.14																																																																																																																																																																																																																																												
Annual cow loss	Head	10	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																												
Cows culled	Head	33	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--																																																																																																																																																																																																																																												
Calves born alive	Head	299	--	--	--	--	Salt and mineral	Cwt	116.2	--	3.91	454	1.37																																																																																																																																																																																																																																												
Calves lost birth to weaning	Head	12	--	--	--	--	Veterinary & medicine	Dol	1,464.0	--	1.18	1,730	5.21																																																																																																																																																																																																																																												
Steer calves weaned	Head	143	--	--	--	--	Hired trucking	Dol	724.0	--	1.17	851	2.56																																																																																																																																																																																																																																												
Sold as weaners	Head	122	--	--	--	--	Marketing 6/	Dol	10.0	--	1.18	12	.04																																																																																																																																																																																																																																												
Lost after weaning	Head	--	--	--	--	--	General overhead 7/	Dol	--	--	--	2,700	8.13																																																																																																																																																																																																																																												
Sold as yearlings	Head	21	--	--	--	--	Hired labor	Hrs	1,358.0	--	3.66	4,969	14.97																																																																																																																																																																																																																																												
Heifer calves weaned	Head	144	--	--	--	--	Fuel and lubricants	Dol	--	--	--	6,262	18.86																																																																																																																																																																																																																																												
Sold as weaners	Head	59	--	--	--	--	Repairs	Dol	--	--	--	1,870	5.63																																																																																																																																																																																																																																												
Lost after weaning	Head	2	--	--	--	--	Taxes 8/	Dol	--	--	--	2,413	7.27																																																																																																																																																																																																																																												
Sold as yearlings	Head	40	--	--	--	--	Insurance	Dol	--	--	--	1,978	5.96																																																																																																																																																																																																																																												
Kept for herd replacement 2/	Head	43	--	--	--	--	Interest on operating capital 9/	Dol	33,855.3	--	0.16	5,315	16.01																																																																																																																																																																																																																																												
Bulls	Head	13	--	--	--	--	Total cash costs	Dol	--	--	--	69,672	209.86																																																																																																																																																																																																																																												
Sales:							Other costs:																																																																																																																																																																																																																																																		
Steer calves	Head	122	360	69.14	30,366	--	Family labor 10/	Hrs	1,727.0	--	3.66	6,319	19.03																																																																																																																																																																																																																																												
Heifer calves	Head	59	340	59.42	8,081	--	Capital replacement 11/	Dol	--	--	--	16,909	50.93																																																																																																																																																																																																																																												
Yearling steers	Head	21	675	65.95	9,348	--	Interest on investment other than land 13/	Dol	--	--	--	38,916	117.22																																																																																																																																																																																																																																												
Yearling heifers	Head	40	600	60.85	14,604	--	Interest on land 13/	Dol	--	--	--	100,637	.35																																																																																																																																																																																																																																												
Cull cows	Head	33	900	35.05	23,029	--	Total other costs	Dol	--	--	--	162,781	490.30																																																																																																																																																																																																																																												
Total sales	Head	--	--	--	85,428	257.31	Total all costs	Dol	--	--	--	232,453	700.16																																																																																																																																																																																																																																												
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																		
Federal grazing fees 3/	AM	951.0	--	2.71	2,577	7.76	Return above cash costs and family labor	Dol	--	--	--	15,756	47.46																																																																																																																																																																																																																																												
Private pasture lease	AUM	661.1	--	8.46	5,593	16.85	Return to total investment 14/	Dol	--	--	--	-7,472	-22.51																																																																																																																																																																																																																																												
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-46,388	-139.72																																																																																																																																																																																																																																												
State land lease	AUM	661.2	--	1.86	1,266	3.69																																																																																																																																																																																																																																																			
Irrigated pasture	AUM	--	--	--	--	--																																																																																																																																																																																																																																																			
Hay produced	Ton	198.0	--	35.06	6,942	20.91																																																																																																																																																																																																																																																			
Hay purchased	Ton	132.0	--	63.83	8,426	25.38																																																																																																																																																																																																																																																			
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td>Feed source:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>National Forest 16/ Bureau of Land Management 16/</td> <td>AM</td> <td>67.0</td> <td>63.0</td> <td>58.0</td> <td>70.0</td> <td>93.0</td> <td>95.0</td> <td>92.0</td> <td>97.0</td> <td>95.0</td> <td>78.0</td> <td>71.0</td> <td>72.0</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>106.5</td> <td>113.3</td> <td>117.4</td> <td>117.1</td> <td>113.3</td> <td>93.6</td> <td>--</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>106.5</td> <td>113.3</td> <td>117.4</td> <td>117.1</td> <td>113.3</td> <td>93.6</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>87.1</td> <td>123.9</td> <td>156.5</td> <td>175.1</td> <td>212.9</td> <td>226.6</td> <td>234.8</td> <td>234.1</td> <td>226.6</td> <td>187.2</td> <td>77.1</td> <td>82.1</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>55.0</td> <td>55.0</td> <td>55.0</td> <td>55.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>55.0</td> <td>55.0</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>12.5</td> <td>12.5</td> <td>12.5</td> <td>12.5</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>12.5</td> <td>12.5</td> </tr> <tr> <td>Marketing month:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>122.0</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>40.0</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>21.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>19.0</td> <td>--</td> <td>21.0</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>33.0</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:													National Forest 16/ Bureau of Land Management 16/	AM	67.0	63.0	58.0	70.0	93.0	95.0	92.0	97.0	95.0	78.0	71.0	72.0	Pasture rent/lease 17/	AUM	--	--	--	--	106.5	113.3	117.4	117.1	113.3	93.6	--	--	State land lease	AUM	--	--	--	--	106.5	113.3	117.4	117.1	113.3	93.6	--	--	Deeded rangeland 17/	AUM	87.1	123.9	156.5	175.1	212.9	226.6	234.8	234.1	226.6	187.2	77.1	82.1	Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--	Hay	Ton	55.0	55.0	55.0	55.0	--	--	--	--	--	--	55.0	55.0	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	12.5	12.5	12.5	12.5	--	--	--	--	--	--	12.5	12.5	Marketing month:														Steer calves	Head	--	--	--	--	--	--	--	--	--	--	122.0	--	Heifer calves	Head	--	--	--	--	--	--	--	--	--	--	40.0	--	Yearling steers	Head	--	--	--	--	--	--	--	--	21.0	--	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	--	19.0	--	21.0	--	Cull cows	Head	--	--	--	--	--	--	--	--	--	--	33.0	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																																																													
Feed source:																																																																																																																																																																																																																																																									
National Forest 16/ Bureau of Land Management 16/	AM	67.0	63.0	58.0	70.0	93.0	95.0	92.0	97.0	95.0	78.0	71.0	72.0																																																																																																																																																																																																																																												
Pasture rent/lease 17/	AUM	--	--	--	--	106.5	113.3	117.4	117.1	113.3	93.6	--	--																																																																																																																																																																																																																																												
State land lease	AUM	--	--	--	--	106.5	113.3	117.4	117.1	113.3	93.6	--	--																																																																																																																																																																																																																																												
Deeded rangeland 17/	AUM	87.1	123.9	156.5	175.1	212.9	226.6	234.8	234.1	226.6	187.2	77.1	82.1																																																																																																																																																																																																																																												
Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																												
Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																												
Hay	Ton	55.0	55.0	55.0	55.0	--	--	--	--	--	--	55.0	55.0																																																																																																																																																																																																																																												
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																												
Protein supplement	Ton	12.5	12.5	12.5	12.5	--	--	--	--	--	--	12.5	12.5																																																																																																																																																																																																																																												
Marketing month:																																																																																																																																																																																																																																																									
Steer calves	Head	--	--	--	--	--	--	--	--	--	--	122.0	--																																																																																																																																																																																																																																												
Heifer calves	Head	--	--	--	--	--	--	--	--	--	--	40.0	--																																																																																																																																																																																																																																												
Yearling steers	Head	--	--	--	--	--	--	--	--	21.0	--	--	--																																																																																																																																																																																																																																												
Yearling heifers	Head	--	--	--	--	--	--	--	--	19.0	--	21.0	--																																																																																																																																																																																																																																												
Cull cows	Head	--	--	--	--	--	--	--	--	--	--	33.0	--																																																																																																																																																																																																																																												

Table 35--Beef cow enterprises with 500 or more cows, Thunder Basin National Grasslands, East-Central Wyoming, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per cow																																																																																																																																																																																																																																																										
Production:							Cash costs--Continued																																																																																																																																																																																																																																																																
Bred cows 1/	Head	867	--	--	--	--	Protein supplement 5/	Ton	190.0	--	218.40	41,496	47.86																																																																																																																																																																																																																																																										
Annual cow loss	Head	26	--	--	--	--	Grain	Bu	--	--	--	--	--																																																																																																																																																																																																																																																										
Cows culled	Head	98	--	--	--	--	Miscellaneous	Ton	--	--	--	--	--																																																																																																																																																																																																																																																										
Calves born alive	Head	780	--	--	--	--	Salt and mineral	Cwt	303.0	--	3.91	1,185	1.37																																																																																																																																																																																																																																																										
Calves lost birth to weaning	Head	31	--	--	--	--	Veterinary & medicine	Dol	--	--	--	3,248	3.75																																																																																																																																																																																																																																																										
Steer calves weaned	Head	374	--	--	--	--	Hired trucking	Dol	--	--	--	2,557	2.95																																																																																																																																																																																																																																																										
Sold as weaners	Head	319	--	--	--	--	Marketing 6/	Dol	--	--	--	3,823	4.41																																																																																																																																																																																																																																																										
Lost after weaning	Head	1	--	--	--	--	General overhead 7/	Dol	--	--	--	584	0.67																																																																																																																																																																																																																																																										
Sold as yearlings	Head	54	--	--	--	--	Hired labor	Hrs	4,710.0	--	4.13	19,452	22.44																																																																																																																																																																																																																																																										
Heifer calves weaned	Head	375	--	--	--	--	Fuel and lubricants	Dol	--	--	--	10,238	11.81																																																																																																																																																																																																																																																										
Sold as weaners	Head	118	--	--	--	--	Repairs	Dol	--	--	--	12,043	13.89																																																																																																																																																																																																																																																										
Lost after weaning	Head	4	--	--	--	--	Taxes 8/	Dol	--	--	--	5,657	6.53																																																																																																																																																																																																																																																										
Sold as yearlings	Head	129	--	--	--	--	Insurance	Dol	--	--	--	4,892	5.64																																																																																																																																																																																																																																																										
Kept for herd replacement 2/	Head	124	--	--	--	--	Interest on operating capital 9/	Dol	83,432.1	--	0.16	13,099	15.11																																																																																																																																																																																																																																																										
Bulls	Head	35	--	--	--	--	Total cash costs	Dol	--	--	--	182,140	210.08																																																																																																																																																																																																																																																										
Sales:							Other costs:																																																																																																																																																																																																																																																																
Steer calves	Head	319	360	69.14	79,400	--	Family labor 10/	Hrs	1,923.0	--	4.13	7,942	9.16																																																																																																																																																																																																																																																										
Heifer calves	Head	118	340	59.42	23,839	--	Capital replacement 11/	Dol	--	--	--	43,093	49.70																																																																																																																																																																																																																																																										
Yearling steers	Head	54	675	65.95	24,039	--	Interest on investment other than land 13/	Dol	--	--	--	95,707	110.39																																																																																																																																																																																																																																																										
Yearling heifers	Head	129	600	60.85	47,098	--	Interest on land 13/	Dol	--	--	--	257,371	296.85																																																																																																																																																																																																																																																										
Cull cows	Head	98	900	35.05	30,914	--	Total other costs	Dol	--	--	--	404,113	466.11																																																																																																																																																																																																																																																										
Total sales	Dol	--	--	--	205,290	236.78	Total all costs	Dol	--	--	--	586,253	676.19																																																																																																																																																																																																																																																										
Cash costs:							Return above cash costs:																																																																																																																																																																																																																																																																
Federal grazing fees 3/	AM	4,767.0	--	2.71	12,919	14.90	Return above cash costs and family labor	Dol	--	--	--	23,150	26.70																																																																																																																																																																																																																																																										
Private pasture lease	AUM	1,517.3	--	8.46	12,836	14.81	Return to total investment 14/	Dol	--	--	--	-27,885	-32.16																																																																																																																																																																																																																																																										
Other pasture lease 4/	AUM	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-123,592	-142.55																																																																																																																																																																																																																																																										
State land lease	AUM	1,011.2	--	1.86	1,881	2.17																																																																																																																																																																																																																																																																	
Irrigated pasture	AUM	--	--	--	--	--																																																																																																																																																																																																																																																																	
Hay produced	Ton	466.8	--	35.06	16,366	18.88																																																																																																																																																																																																																																																																	
Hay purchased	Ton	311.2	--	63.83	19,864	22.91																																																																																																																																																																																																																																																																	
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td>Feed source:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>National Forest 16/</td> <td>AM</td> <td>322.0</td> <td>274.0</td> <td>322.0</td> <td>256.0</td> <td>391.0</td> <td>455.0</td> <td>477.0</td> <td>507.0</td> <td>457.0</td> <td>460.0</td> <td>455.0</td> <td>391.0</td> </tr> <tr> <td>Bureau of Land Management 16/</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Pasture rent/lease 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>273.2</td> <td>265.0</td> <td>264.6</td> <td>256.3</td> <td>269.4</td> <td>188.8</td> <td>--</td> <td>--</td> </tr> <tr> <td>State land lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>182.1</td> <td>176.4</td> <td>176.4</td> <td>170.8</td> <td>179.7</td> <td>125.8</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland 17/</td> <td>AUM</td> <td>79.0</td> <td>202.1</td> <td>203.7</td> <td>359.6</td> <td>455.3</td> <td>441.7</td> <td>441.0</td> <td>427.1</td> <td>449.0</td> <td>314.6</td> <td>92.0</td> <td>171.1</td> </tr> <tr> <td>Irrigated pasture 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue 17/</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>144.5</td> <td>144.5</td> <td>144.5</td> <td>144.5</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>100.0</td> <td>100.0</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>32.5</td> <td>32.5</td> <td>32.5</td> <td>32.5</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>30.0</td> <td>30.0</td> </tr> <tr> <td>Marketing month:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Steer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>319.0</td> <td>--</td> </tr> <tr> <td>Heifer calves</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>118.0</td> <td>--</td> </tr> <tr> <td>Yearling steers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>54.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Yearling heifers</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>75.0</td> <td>--</td> <td>54.0</td> <td>--</td> </tr> <tr> <td>Cull cows</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>98.0</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:													National Forest 16/	AM	322.0	274.0	322.0	256.0	391.0	455.0	477.0	507.0	457.0	460.0	455.0	391.0	Bureau of Land Management 16/	AM	--	--	--	--	--	--	--	--	--	--	--	--	Pasture rent/lease 17/	AUM	--	--	--	--	273.2	265.0	264.6	256.3	269.4	188.8	--	--	State land lease	AUM	--	--	--	--	182.1	176.4	176.4	170.8	179.7	125.8	--	--	Deeded rangeland 17/	AUM	79.0	202.1	203.7	359.6	455.3	441.7	441.0	427.1	449.0	314.6	92.0	171.1	Irrigated pasture 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--	Crop residue 17/	AUM	--	--	--	--	--	--	--	--	--	--	--	--	Hay	Ton	144.5	144.5	144.5	144.5	--	--	--	--	--	--	100.0	100.0	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	32.5	32.5	32.5	32.5	--	--	--	--	--	--	30.0	30.0	Marketing month:														Steer calves	Head	--	--	--	--	--	--	--	--	--	--	319.0	--	Heifer calves	Head	--	--	--	--	--	--	--	--	--	--	118.0	--	Yearling steers	Head	--	--	--	--	--	--	--	--	54.0	--	--	--	Yearling heifers	Head	--	--	--	--	--	--	--	--	75.0	--	54.0	--	Cull cows	Head	--	--	--	--	--	--	--	--	--	--	98.0	--
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Hay	Ton	144.5	144.5	144.5	144.5	--	--	--	--	--	--	100.0	100.0																																																																																																																																																																																																																																																										
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																																																																										
Protein supplement	Ton	32.5	32.5	32.5	32.5	--	--	--	--	--	--	30.0	30.0																																																																																																																																																																																																																																																										
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Table 1--Sheep enterprises of all sizes, Beaverhead National Forest, Southwestern Montana, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per ewe	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per ewe																																																																																																																																																																																																			
Production:							Cash costs--Continued																																																																																																																																																																																																									
Ewes lambed	Head	2,700	--	--	--	--	Marketing 4/	Dol	--	--	--	594	0.22																																																																																																																																																																																																			
Annual ewe loss	Head	108	--	--	--	--	Trucking	Dol	--	--	--	5,130	1.90																																																																																																																																																																																																			
Ewes sold	Head	432	--	--	--	--	Shearing	Dol	--	--	--	4,185	1.55																																																																																																																																																																																																			
Lambs docked	Head	4,050	--	--	--	--	Ram death loss 5/	Dol	--	--	--	--	--																																																																																																																																																																																																			
Lambs lost from docking to marketing	Head	729	--	--	--	--	Miscellaneous 6/	Dol	--	--	--	3,294	1.22																																																																																																																																																																																																			
Lambs held as replacements	Head	540	--	--	--	--	Hired labor	Hrs	1,620.0	--	4.00	6,480	2.40																																																																																																																																																																																																			
Lambs sold:							Fuel and lubricants	Dol	--	--	--	2,704	1.00																																																																																																																																																																																																			
Slaughter lambs	Head	--	--	--	--	--	Repairs	Dol	--	--	--	2,908	1.08																																																																																																																																																																																																			
Feeder lambs	Head	2,781	--	--	--	--	Taxes 7/	Dol	--	--	--	2,438	0.90																																																																																																																																																																																																			
Rams	Head	90	--	--	--	--	Insurance	Dol	--	--	--	1,407	0.52																																																																																																																																																																																																			
Sales:							General farm overhead 8/																																																																																																																																																																																																									
Slaughter lambs	Head	--	--	--	--	--	Interest on operating capital 9/	Dol	33,636.6	--	0.15	4,978	1.84																																																																																																																																																																																																			
Feeder lambs	Head	2,781	90	49.26	123,293	--	Total cash costs	Dol	--	--	--	87,007	32.22																																																																																																																																																																																																			
Cull ewes	Head	432	150	10.75	6,966	--	Other costs:																																																																																																																																																																																																									
Wool	Lbs	27,000	--	.89	24,030	--	Family labor 10/	Hrs	4,050.5	--	4.00	16,202	6.00																																																																																																																																																																																																			
Wool incentive payments 1/	Dol	24,030	--	1.00	24,030	--	Depreciation 11/	Dol	--	--	--	14,318	5.30																																																																																																																																																																																																			
Unshorn lamb payment 2/	Dol	2,503	--	2.74	6,858	--	Interest on investment other than land 12/	Dol	--	--	--	30,291	11.22																																																																																																																																																																																																			
Total sales	Dol	--	--	--	185,177	68.58	Interest on land 13/	Dol	--	--	--	74,821	27.71																																																																																																																																																																																																			
Cash costs:							Total other costs																																																																																																																																																																																																									
Irrigated pasture	AUM	320.0	--	4.77	1,526	0.57	Total all costs	Dol	--	--	--	222,639	82.46																																																																																																																																																																																																			
Federal grazing fees	AM	1,272.0	--	1.86	2,366	0.88	Return above cash costs																																																																																																																																																																																																									
Pasture rent/lease 3/	AUM	369.0	--	8.70	3,210	1.19	Return above cash costs	Dol	--	--	--	98,170	36.36																																																																																																																																																																																																			
Hay purchased	Ton	--	--	--	--	--	Return above cash costs and family labor	Dol	--	--	--	81,968	30.36																																																																																																																																																																																																			
Hay produced	Ton	1,068.0	--	33.59	35,874	13.29	Return to total investment 14/	Dol	--	--	--	67,650	25.06																																																																																																																																																																																																			
Grain	Bu	--	--	--	--	--	Return to land 15/	Dol	--	--	--	37,359	13.84																																																																																																																																																																																																			
Protein supplement	Ton	--	--	--	--	--	Public grazing--state																																																																																																																																																																																																									
Salt and mineral	Cwt	945.0	--	4.27	4,035	1.49																																																																																																																																																																																																										
Vet. and medicine	Dol	--	--	--	1,647	0.61																																																																																																																																																																																																										
Public grazing--state	AUM	305.0	--	3.78	1,153	0.43																																																																																																																																																																																																										
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Lamb marketing 17/								2,781.0																																																																																																																																																																																																								

Table 2--Sheep enterprises of all sizes, Helena National Forest, Central Montana, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per ewe	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per ewe																																																																																																																																																																																																			
Production:							Cash costs--Continued																																																																																																																																																																																																									
Ewes lambed	Head	3,713	--	--	--	--	Marketing <u>4/</u>	Dol	--	--	--	497	0.13																																																																																																																																																																																																			
Annual ewe loss	Head	223	--	--	--	--	Trucking	Dol	--	--	--	9,563	2.58																																																																																																																																																																																																			
Ewes sold	Head	1,002	--	--	--	--	Shearing	Dol	--	--	--	7,875	2.12																																																																																																																																																																																																			
Lambs docked	Head	5,013	--	--	--	--	Ram death loss <u>5/</u>	Dol	--	--	--	1,857	0.50																																																																																																																																																																																																			
Lambs lost from docking to marketing	Head	401	--	--	--	--	Miscellaneous <u>6/</u>	Dol	--	--	--	8,006	2.16																																																																																																																																																																																																			
Lambs held as replacements	Head	1,225	--	--	--	--	Hired labor	Hrs	1,984.0	--	4.00	7,936	2.14																																																																																																																																																																																																			
Lambs sold:							Fuel and lubricants	Dol	--	--	--	7,695	2.07																																																																																																																																																																																																			
Slaughter lambs	Head	--	--	--	--	--	Repairs	Dol	--	--	--	5,420	1.46																																																																																																																																																																																																			
Feeder lambs	Head	3,387	--	--	--	--	Taxes <u>7/</u>	Dol	--	--	--	10,625	2.86																																																																																																																																																																																																			
Rams	Head	93	--	--	--	--	Insurance	Dol	--	--	--	2,237	0.60																																																																																																																																																																																																			
Sales:							General farm overhead <u>8/</u>																																																																																																																																																																																																									
Slaughter lambs	Head	--	--	--	--	--	Interest on operating capital <u>9/</u>	Dol	42,480.7	--	0.15	6,287	1.69																																																																																																																																																																																																			
Feeder lambs	Head	3,387	82	49.26	136,812	--	Total cash costs	Dol	--	--	--	107,443	28.94																																																																																																																																																																																																			
Cull ewes	Head	1,002	140	10.75	15,080	--	Other costs:																																																																																																																																																																																																									
Wool	Lbs	40,843	--	.89	36,350	--	Family labor <u>10/</u>	Hrs	5,952.0	--	4.00	23,808	6.41																																																																																																																																																																																																			
Wool incentive payments <u>1/</u>	Dol	36,350	--	1.00	36,350	--	Depreciation <u>11/</u>	Dol	--	--	--	19,859	5.35																																																																																																																																																																																																			
Unshorn lamb payment <u>2/</u>	Dol	2,777	--	2.74	7,609	--	Interest on investment other than land <u>12/</u>	Dol	--	--	--	45,740	12.32																																																																																																																																																																																																			
Total sales	Dol	--	--	--	232,201	62.54	Interest on land <u>13/</u>	Dol	--	--	--	385,676	103.87																																																																																																																																																																																																			
Cash costs:							Total other costs																																																																																																																																																																																																									
Irrigated pasture	AUM	--	--	--	--	--	Total all costs	Dol	--	--	--	582,526	156.89																																																																																																																																																																																																			
Federal grazing fees	AM	1,636.0	--	1.86	3,043	0.82	Return above cash costs																																																																																																																																																																																																									
Pasture rent/lease <u>3/</u>	AUM	225.5	--	8.90	2,007	0.54	Return above cash costs and family labor																																																																																																																																																																																																									
Hay purchased	Ton	--	--	--	--	--	Return to total investment <u>14/</u>																																																																																																																																																																																																									
Hay produced	Ton	751.5	--	33.59	25,243	6.80	Return to land <u>15/</u>																																																																																																																																																																																																									
Grain	Bu	89.2	--	2.13	190	0.05																																																																																																																																																																																																										
Protein supplement	Ton	--	--	--	--	--																																																																																																																																																																																																										
Salt and mineral	Cwt	259.9	--	4.27	1,110	0.30																																																																																																																																																																																																										
Vet. and medicine	Dol	--	--	--	1,640	0.44																																																																																																																																																																																																										
Public grazing--state	AUM	222.9	--	3.78	843	0.23																																																																																																																																																																																																										
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td>Feed source:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>National Forest</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>36.0</td> <td>377.0</td> <td>392.0</td> <td>111.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management</td> <td>AM</td> <td>180.0</td> <td>180.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>180.0</td> <td>180.0</td> </tr> <tr> <td>Pasture rent/lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>81.1</td> <td>45.7</td> <td>41.1</td> <td>57.6</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland</td> <td>AUM</td> <td>119.4</td> <td>117.1</td> <td>325.1</td> <td>324.1</td> <td>888.3</td> <td>896.8</td> <td>525.8</td> <td>472.3</td> <td>662.5</td> <td>798.1</td> <td>588.1</td> </tr> <tr> <td>Irrigated pasture</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>17.5</td> <td>12.9</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>167.0</td> <td>167.0</td> <td>167.0</td> <td>167.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>83.5</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>29.7</td> <td>29.7</td> <td>29.8</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Public grazing--state</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>66.9</td> <td>35.5</td> <td>--</td> <td>--</td> <td>61.4</td> <td>45.2</td> <td>13.9</td> </tr> <tr> <td>Management practices:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Wool marketing <u>16/</u></td> <td>lbs</td> <td>--</td> <td>--</td> <td>--</td> <td>40,843.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Lamb marketing <u>17/</u></td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>3,387.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:													National Forest	AM	--	--	--	--	36.0	377.0	392.0	111.0	--	--	--	Bureau of Land Management	AM	180.0	180.0	--	--	--	--	--	--	--	180.0	180.0	Pasture rent/lease	AUM	--	--	--	--	81.1	45.7	41.1	57.6	--	--	--	Deeded rangeland	AUM	119.4	117.1	325.1	324.1	888.3	896.8	525.8	472.3	662.5	798.1	588.1	Irrigated pasture	AUM	--	--	--	--	--	--	--	--	--	--	--	Crop residue	AUM	--	--	--	--	--	--	--	--	17.5	12.9	--	Hay	Ton	167.0	167.0	167.0	167.0	--	--	--	--	--	--	83.5	Grain	Bu	--	--	29.7	29.7	29.8	--	--	--	--	--	--	Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--	Public grazing--state	AUM	--	--	--	--	66.9	35.5	--	--	61.4	45.2	13.9	Management practices:													Wool marketing <u>16/</u>	lbs	--	--	--	40,843.0	--	--	--	--	--	--	--	Lamb marketing <u>17/</u>	Head	--	--	--	--	--	--	--	3,387.0	--	--	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																				
Feed source:																																																																																																																																																																																																																
National Forest	AM	--	--	--	--	36.0	377.0	392.0	111.0	--	--	--																																																																																																																																																																																																				
Bureau of Land Management	AM	180.0	180.0	--	--	--	--	--	--	--	180.0	180.0																																																																																																																																																																																																				
Pasture rent/lease	AUM	--	--	--	--	81.1	45.7	41.1	57.6	--	--	--																																																																																																																																																																																																				
Deeded rangeland	AUM	119.4	117.1	325.1	324.1	888.3	896.8	525.8	472.3	662.5	798.1	588.1																																																																																																																																																																																																				
Irrigated pasture	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																				
Crop residue	AUM	--	--	--	--	--	--	--	--	17.5	12.9	--																																																																																																																																																																																																				
Hay	Ton	167.0	167.0	167.0	167.0	--	--	--	--	--	--	83.5																																																																																																																																																																																																				
Grain	Bu	--	--	29.7	29.7	29.8	--	--	--	--	--	--																																																																																																																																																																																																				
Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																				
Public grazing--state	AUM	--	--	--	--	66.9	35.5	--	--	61.4	45.2	13.9																																																																																																																																																																																																				
Management practices:																																																																																																																																																																																																																
Wool marketing <u>16/</u>	lbs	--	--	--	40,843.0	--	--	--	--	--	--	--																																																																																																																																																																																																				
Lamb marketing <u>17/</u>	Head	--	--	--	--	--	--	--	3,387.0	--	--	--																																																																																																																																																																																																				

Table 3—Sheep enterprises of all sizes, Bighorn National Forest, North-Central Wyoming, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per ewe	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per ewe																																																																																																																																																																																						
Production:							Cash costs--Continued																																																																																																																																																																																												
Ewes lambled	Head	2,158	--	--	--	--	Marketing 4/	Dol	--	--	--	780	0.36																																																																																																																																																																																						
Annual ewe loss	Head	99	--	--	--	--	Trucking	Dol	--	--	--	1,635	0.76																																																																																																																																																																																						
Ewes sold	Head	397	--	--	--	--	Shearing	Dol	--	--	--	3,953	1.83																																																																																																																																																																																						
Lambs docked	Head	2,482	--	--	--	--	Ram death loss 5/	Dol	--	--	--	1,252	0.58																																																																																																																																																																																						
Lambs lost from docking to marketing	Head	169	--	--	--	--	Miscellaneous 6/	Dol	--	--	--	4,661	2.16																																																																																																																																																																																						
Lambs held as replacements	Head	496	--	--	--	--	Hired labor	Hrs	1,175.0	--	4.13	4,853	2.25																																																																																																																																																																																						
Lambs sold:							Fuel and lubricants	Dol	--	--	--	3,130	1.45																																																																																																																																																																																						
Slaughter lambs	Head	635	--	--	--	--	Repairs	Dol	--	--	--	2,122	0.98																																																																																																																																																																																						
Feeder lambs	Head	1,182	--	--	--	--	Taxes 7/	Dol	--	--	--	2,416	1.12																																																																																																																																																																																						
Rams	Head	66	--	--	--	--	Insurance	Dol	--	--	--	1,094	0.51																																																																																																																																																																																						
Sales:							General farm overhead 8/																																																																																																																																																																																												
Slaughter lambs	Head	635	93	46.92	27,709	--	Interest on operating capital 9/	Dol	20,264.50	--	0.16	3,182	1.47																																																																																																																																																																																						
Feeder lambs	Head	1,182	82	49.26	47,745	--	Total cash costs	Dol	--	--	--	46,235	21.42																																																																																																																																																																																						
Cull ewes	Head	397	137	10.75	5,847	--	Other costs:																																																																																																																																																																																												
Wool	Lbs	24,817	--	.89	22,087	--	Family labor 10/	Hrs	1,175.0	--	4.13	4,853	2.25																																																																																																																																																																																						
Wool incentive payments 1/	Dol	22,087	--	1.00	22,087	--	Depreciation 11/	Dol	--	--	--	9,959	4.61																																																																																																																																																																																						
Unshorn lamb payment 2/	Cwt	1,560.00	--	2.74	4,274	--	Interest on investment other than land 12/	Dol	--	--	--	24,421	11.32																																																																																																																																																																																						
Total sales	Dol	--	--	--	129,749	60.12	Interest on land 13/	Dol	--	--	--	143,881	66.67																																																																																																																																																																																						
Cash costs:							Total other costs																																																																																																																																																																																												
Irrigated pasture	AUM	--	--	--	--	--	Total all costs	Dol	--	--	--	229,349	106.28																																																																																																																																																																																						
Federal grazing fees	AM	1,869.0	--	1.86	3,476	1.61	Return above cash costs																																																																																																																																																																																												
Pasture rent/lease 3/	AUM	580.0	--	8.46	4,907	2.27	Return above cash costs and family labor																																																																																																																																																																																												
Hay purchased	Ton	13.2	--	63.83	843	.39	Return to total investment 14/																																																																																																																																																																																												
Hay produced	Ton	106.9	--	35.06	3,748	1.74	Return to land 15/																																																																																																																																																																																												
Grain	Bu	158.2	--	2.56	405	0.19																																																																																																																																																																																													
Protein supplement	Ton	--	--	--	--	--																																																																																																																																																																																													
Salt and mineral	Cwt	151.1	--	3.91	591	0.27																																																																																																																																																																																													
Vet. and medicine	Dol	--	--	--	433	0.20																																																																																																																																																																																													
Public grazing--state	AUM	287.0	--	1.44	413	0.19																																																																																																																																																																																													
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td>Feed source:</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>National Forest Bureau of Land Management</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>251.0</td> <td>278.0</td> <td>156.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Pasture rent/lease</td> <td>AUM</td> <td>61.0</td> <td>62.0</td> <td>56.0</td> <td>--</td> <td>60.0</td> <td>85.0</td> <td>56.0</td> <td>45.0</td> <td>54.0</td> <td>--</td> <td>31.0</td> </tr> <tr> <td>Deeded rangeland</td> <td>AUM</td> <td>113.1</td> <td>117.4</td> <td>97.1</td> <td>--</td> <td>200.0</td> <td>292.3</td> <td>195.6</td> <td>157.6</td> <td>192.5</td> <td>--</td> <td>108.9</td> </tr> <tr> <td>Irrigated pasture</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>359.1</td> <td>--</td> <td>155.0</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>30.0</td> <td>30.0</td> <td>30.0</td> <td>30.1</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>18.8</td> <td>18.8</td> <td>39.4</td> <td>62.4</td> <td>18.8</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Public grazing--state</td> <td>AUM</td> <td>30.0</td> <td>31.0</td> <td>28.0</td> <td>--</td> <td>29.0</td> <td>42.0</td> <td>28.0</td> <td>22.0</td> <td>27.0</td> <td>--</td> <td>15.0</td> </tr> <tr> <td>Management practices:</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>Wool marketing 16/</td> <td>lbs</td> <td>--</td> <td>--</td> <td>--</td> <td>24,817.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Lamb marketing 17/</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>1,182.0</td> <td>635.0</td> <td>--</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:													National Forest Bureau of Land Management	AM	--	--	--	--	--	251.0	278.0	156.0	--	--	--	Pasture rent/lease	AUM	61.0	62.0	56.0	--	60.0	85.0	56.0	45.0	54.0	--	31.0	Deeded rangeland	AUM	113.1	117.4	97.1	--	200.0	292.3	195.6	157.6	192.5	--	108.9	Irrigated pasture	AUM	--	--	--	--	--	--	--	--	--	--	--	Crop residue	AUM	--	--	--	--	--	--	--	--	359.1	--	155.0	Hay	Ton	30.0	30.0	30.0	30.1	--	--	--	--	--	--	--	Grain	Bu	18.8	18.8	39.4	62.4	18.8	--	--	--	--	--	--	Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--	Public grazing--state	AUM	30.0	31.0	28.0	--	29.0	42.0	28.0	22.0	27.0	--	15.0	Management practices:													Wool marketing 16/	lbs	--	--	--	24,817.0	--	--	--	--	--	--	--	Lamb marketing 17/	Head	--	--	--	--	--	--	--	1,182.0	635.0	--	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																							
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Pasture rent/lease	AUM	61.0	62.0	56.0	--	60.0	85.0	56.0	45.0	54.0	--	31.0																																																																																																																																																																																							
Deeded rangeland	AUM	113.1	117.4	97.1	--	200.0	292.3	195.6	157.6	192.5	--	108.9																																																																																																																																																																																							
Irrigated pasture	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																							
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Hay	Ton	30.0	30.0	30.0	30.1	--	--	--	--	--	--	--																																																																																																																																																																																							
Grain	Bu	18.8	18.8	39.4	62.4	18.8	--	--	--	--	--	--																																																																																																																																																																																							
Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																							
Public grazing--state	AUM	30.0	31.0	28.0	--	29.0	42.0	28.0	22.0	27.0	--	15.0																																																																																																																																																																																							
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Lamb marketing 17/	Head	--	--	--	--	--	--	--	1,182.0	635.0	--	--																																																																																																																																																																																							

Table 6--Sheep enterprises with up to 999 ewes, Rio Grande National Forest, South-Central Colorado, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value		Item	Unit	Number	Average weight (pounds)	Price	Total Value	
					Value	per ewe						Value	per ewe
Production:							Cash costs--Continued						
Ewes lambed	Head	500	--	--	--	--	Marketing 4/	Dol	--	--	--	125	0.25
Annual ewe loss	Head	15	--	--	--	--	Trucking	Dol	--	--	--	845	1.69
Ewes sold	Head	35	--	--	--	--	Shearing	Dol	--	--	--	540	1.08
Lambs docked	Head	700	--	--	--	--	Ram death loss 5/	Dol	--	--	--	145	0.29
Lambs lost from docking to marketing	Head	21	--	--	--	--	Miscellaneous 6/	Dol	--	--	--	210	0.42
Lambs held as replacements	Head	50	--	--	--	--	Hired labor	Hrs	750.5	--	4.22	3,167	6.33
Lambs sold:							Fuel and lubricants	Dol	--	--	--	866	1.73
Slaughter lambs	Head	595	--	--	--	--	Repairs	Dol	--	--	--	692	1.38
Feeder lambs	Head	34	--	--	--	--	Taxes 7/	Dol	--	--	--	371	0.74
Rams	Head	17	--	--	--	--	Insurance	Dol	--	--	--	251	0.50
Sales:							General farm overhead 8/						
Slaughter lambs	Head	595	105	48.93	30,569	--	Interest on operating capital 9/	Dol	18,543.1	--	0.15	2,856	5.71
Feeder lambs	Head	34	80	49.26	1,340	--	Total cash costs	Dol	--	--	--	41,258	82.52
Cull ewes	Head	35	150	10.50	551	--	Other costs:						
Wool	Lbs	5,000	--	.89	4,450	--	Family labor 10/	Hrs	850.5	--	4.22	3,589	7.18
Wool incentive payments 1/	Dol	4,450	--	1.00	4,450	--	Depreciation 11/	Dol	--	--	--	3,652	7.30
Unshorn lamb payment 2/	Dol	652	--	2.74	1,786	--	Interest on investment other than land 12/	Dol	--	--	--	6,232	12.46
Total sales	Dol	--	--	--	43,146	86.29	Interest on land 13/	Dol	--	--	--	14,918	29.84
Cash costs:							Total other costs						
Irrigated pasture	AUM	144.0	--	4.48	645	1.29	Total all costs	Dol	--	--	--	28,391	56.78
Federal grazing fees	AM	517.0	--	1.86	962	1.92	Return above cash costs	Dol	--	--	--	1,888	3.78
Pasture rent/lease 3/	AUM	43.0	--	9.04	389	0.78	Return above cash costs and family labor	Dol	--	--	--	-1,701	-3.40
Hay purchased	Ton	--	--	--	--	--	Return to total investment 14/	Dol	--	--	--	-5,353	-10.71
Hay produced	Ton	144.0	--	42.80	6,163	12.33	Return to land 15/	Dol	--	--	--	-11,585	-23.17
Grain	Bu	316.0	--	66.00	20,856	41.71							
Protein supplement	Ton	--	--	--	--	--							
Salt and mineral	Cwt	175.0	--	4.57	800	1.60							
Vet. and medicine	Dol	--	--	--	635	1.27							
Public grazing-state	AUM	--	--	--	--	--							
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Feed source:													
National Forest	AM	--	--	--	--	--	--	68.0	81.0	50.0	--	--	--
Bureau of Land Management	AM	--	--	--	--	--	--	--	--	--	106.0	106.0	106.0
Pasture rent/lease	AUM	--	--	--	--	--	--	43.0	--	--	--	--	--
Deeded rangeland	AUM	--	--	--	--	149.0	--	--	--	--	--	--	--
Irrigated pasture	AUM	--	--	--	--	--	144.0	--	--	--	--	--	--
Crop residue	AUM	--	--	--	--	--	--	--	33.0	60.0	--	--	--
Hay	Ton	33.0	33.0	39.0	39.0	--	--	--	--	--	--	--	--
Grain	Bu	79.0	79.0	79.0	79.0	--	--	--	--	--	--	--	--
Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--	--
Public grazing-state	AUM	--	--	--	--	--	--	--	--	--	--	--	--
Management practices:													
Wool marketing 16/	lbs	--	--	--	5,000.0	--	--	--	--	--	--	--	--
Lamb marketing 17/	Head	--	--	--	--	--	--	--	--	629.0	--	--	--

Table 7--Sheep enterprises with 1,000 of more ewes, Rio Grande National Forest, South-Central Colorado, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per ewe	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per ewe					
Production:							Cash costs--Continued											
Ewes lambed	Head	1,710	--	--	--	--	Marketing ^{4/}	Dol	--	--	--	376	0.22					
Annual ewe loss	Head	68	--	--	--	--	Trucking	Dol	--	--	--	3,249	1.90					
Ewes sold	Head	103	--	--	--	--	Shearing	Dol	--	--	--	2,308	1.35					
Lambs docked	Head	2,309	--	--	--	--	Ram death loss ^{5/}	Dol	--	--	--	530	0.31					
Lambs lost from docking to marketing	Head	92	--	--	--	--	Miscellaneous ^{6/}	Dol	--	--	--	1,847	1.08					
Lambs held as replacements	Head	171	--	--	--	--	Hired labor	Hrs	1,026.0	--	4.22	4,330	2.53					
Lambs sold:							Fuel and lubricants	Dol	--	--	--	3,722	2.18					
Slaughter lambs	Head	1,902	--	--	--	--	Repairs	Dol	--	--	--	2,516	1.47					
Feeder lambs	Head	144	--	--	--	--	Taxes ^{7/}	Dol	--	--	--	862	0.50					
Rams	Head	57	--	--	--	--	Insurance	Dol	--	--	--	872	0.51					
Sales:							General farm overhead ^{8/}											
Slaughter lambs	Head	1,902	105	48.93	97,718	--	Interest on operating capital ^{9/}	Dol	22,157.6	--	0.15	3,412	2.00					
Feeder lambs	Head	144	80	49.26	5,675	--	Total cash costs	Dol	--	--	--	61,836	36.16					
Cull ewes	Head	103	150	10.50	1,622	--	Other costs:											
Wool	Lbs	17,100	--	.89	15,219	--	Family labor ^{10/}	Hrs	2,565.5	--	4.22	10,826	6.33					
Wool incentive payments ^{1/}	Dol	15,219	--	1.00	15,219	--	Depreciation ^{11/}	Dol	--	--	--	9,959	5.82					
Unshorn lamb payment ^{2/}	Dol	3,850	--	2.74	10,549	--	Interest on investment other than land ^{12/}	Dol	--	--	--	19,372	11.33					
Total sales	Dol	--	--	--	146,002	85.38	Interest on land ^{13/}	Dol	--	--	--	28,199	16.49					
Cash costs:							Total other costs											
Irrigated pasture	AUM	69.0	--	4.48	309	0.18	Total all costs	Dol	--	--	--	130,192	76.14					
Federal grazing fees	AM	2,123.0	--	1.86	3,949	2.31	Return above cash costs											
Pasture rent/lease ^{3/}	AUM	553.0	--	9.04	4,999	2.92	Return above cash costs	Dol	--	--	--	84,166	49.22					
Hay purchased	Ton	--	--	--	--	--	Return above cash costs and family labor	Dol	--	--	--	73,340	42.89					
Hay produced	Ton	300.0	--	42.80	12,840	7.51	Return to total investment ^{14/}	Dol	--	--	--	63,381	37.06					
Grain	Bu	3,141.0	--	3.18	9,988	5.84	Return to land ^{15/}	Dol	--	--	--	44,009	25.74					
Protein supplement	Ton	--	--	--	--	--	Monthly Totals											
Salt and mineral	Cwt	598.5	--	4.57	2,735	1.60	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Vet. and medicine	Dol	--	--	--	1,043	0.61												
Public grazing--state	AUM	--	--	--	--	--												
Feed source:																		
National Forest	AM	--	--	--	--	--												
Bureau of Land Management	AM	364.0	--	--	--	--												
Pasture rent/lease	AUM	--	--	--	--	--												
Deeded rangeland	AUM	--	--	--	--	510.0												
Irrigated pasture	AUM	--	--	--	--	--												
Crop residue	AUM	--	--	--	--	--												
Hay	Ton	--	86.0	107.0	107.0	--												
Grain	Bu	--	1,047.0	1,047.0	1,047.0	--												
Protein supplement	Ton	--	--	--	--	--												
Public grazing--state	AUM	--	--	--	--	--												
Management practices:																		
Wool marketing ^{16/}	lbs	--	--	--	17,100.0	--												
Lamb marketing ^{17/}	Head	--	--	--	--	--								2,012.0				

Table 10--Sheep enterprises of all sizes, White River National Forest, Central Colorado, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per ewe	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per ewe																																																																																																																																															
Production:							Cash costs--Continued																																																																																																																																																					
Ewes lambred	Head	2,055	--	--	--	--	Marketing 4/	Dol	--	--	--	578	0.28																																																																																																																																															
Annual ewe loss	Head	226	--	--	--	--	Trucking	Dol	--	--	--	3,907	1.90																																																																																																																																															
Ewes sold	Head	185	--	--	--	--	Shearing	Dol	--	--	--	5,201	2.53																																																																																																																																															
Lambs docked	Head	2,158	--	--	--	--	Ram death loss 5/	Dol	--	--	--	986	0.48																																																																																																																																															
Lambs lost from docking to marketing	Head	259	--	--	--	--	Miscellaneous 6/	Dol	--	--	--	4,789	2.33																																																																																																																																															
Lambs held as replacements	Head	411	--	--	--	--	Hired labor	Hrs	3,295.4	--	4.22	13,907	6.77																																																																																																																																															
Lambs sold:							Fuel and lubricants	Dol	--	--	--	4,532	2.21																																																																																																																																															
Slaughter lambs	Head	1,042	--	--	--	--	Repairs	Dol	--	--	--	3,199	1.56																																																																																																																																															
Feeder lambs	Head	446	--	--	--	--	Taxes 7/	Dol	--	--	--	1,523	0.74																																																																																																																																															
Rams	Head	54	--	--	--	--	Insurance	Dol	--	--	--	1,128	0.55																																																																																																																																															
Sales:							General farm overhead 8/																																																																																																																																																					
Slaughter lambs	Head	1,042	98	48.93	49,965	--	Interest on operating capital 9/	Dol	--	--	0.15	3,911	1.90																																																																																																																																															
Feeder lambs	Head	446	82	49.26	18,015	--	Total cash costs	Dol	--	--	--	69,254	33.70																																																																																																																																															
Cull ewes	Head	185	140	10.50	2,720	--	Other costs:																																																																																																																																																					
Wool	Lbs	18,981	--	.89	16,893	--	Family labor 10/	Hrs	1,098.1	--	4.22	4,634	2.25																																																																																																																																															
Wool incentive payments 1/	Dol	16,893	--	1.00	16,893	--	Depreciation 11/	Dol	--	--	--	11,602	5.65																																																																																																																																															
Unshorn lamb payment 2/	Dol	1,387	--	2.74	3,800	--	Interest on investment other than land 12/	Dol	--	--	--	24,645	11.99																																																																																																																																															
Total sales	Dol	--	--	--	108,286	52.69	Interest on land 13/	Dol	--	--	--	66,820	32.52																																																																																																																																															
Cash costs:							Total other costs																																																																																																																																																					
Irrigated pasture	AUM	182.3	--	4.48	817	0.40	Total all costs	Dol	--	--	--	176,955	86.11																																																																																																																																															
Federal grazing fees	AM	2,490.0	--	1.86	4,631	2.25	Return above cash costs																																																																																																																																																					
Pasture rent/lease 3/	AUM	407.0	--	9.04	3,679	1.79	Return above cash costs	Dol	--	--	--	39,032	18.99																																																																																																																																															
Hay purchased	Ton	7.4	--	66.00	488	0.24	Return above cash costs and family labor	Dol	--	--	--	34,398	16.74																																																																																																																																															
Hay produced	Ton	178.5	--	42.80	7,640	3.72	Return to total investment 14/	Dol	--	--	--	22,796	11.09																																																																																																																																															
Grain	Bu	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-1,849	-0.90																																																																																																																																															
Protein supplement	Ton	24.0	--	193.00	4,632	2.25	Management practices:																																																																																																																																																					
Salt and mineral	Cwt	143.9	--	4.57	658	0.32	Wool marketing 16/	lbs	--	--	--	18,981.0	--																																																																																																																																															
Vet. and medicine	Dol	--	--	--	--	--	Lamb marketing 17/	Head	--	--	--	1,488.0	--																																																																																																																																															
Public grazing--state	AUM	41.0	--	1.85	76	0.04																																																																																																																																																						
							<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td>National Forest</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>33.0</td> <td>317.0</td> <td>341.0</td> <td>201.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management</td> <td>231.0</td> <td>237.0</td> <td>239.0</td> <td>182.0</td> <td>80.0</td> <td>56.0</td> <td>49.0</td> <td>52.0</td> <td>45.0</td> <td>52.0</td> <td>131.0</td> <td>244.0</td> </tr> <tr> <td>Pasture rent/lease</td> <td>44.0</td> <td>22.0</td> <td>--</td> <td>--</td> <td>81.0</td> <td>85.0</td> <td>--</td> <td>--</td> <td>37.0</td> <td>68.0</td> <td>44.0</td> <td>26.0</td> </tr> <tr> <td>Deeded rangeland</td> <td>172.5</td> <td>88.5</td> <td>--</td> <td>--</td> <td>315.0</td> <td>333.3</td> <td>--</td> <td>--</td> <td>143.1</td> <td>265.1</td> <td>172.9</td> <td>101.6</td> </tr> <tr> <td>Irrigated pasture</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>15.0</td> <td>37.0</td> <td>81.1</td> <td>39.2</td> <td>10.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>87.0</td> <td>99.0</td> <td>76.0</td> </tr> <tr> <td>Hay</td> <td>30.0</td> <td>55.3</td> <td>78.1</td> <td>22.5</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Grain</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>--</td> <td>--</td> <td>12.0</td> <td>12.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Public grazing--state</td> <td>4.0</td> <td>2.0</td> <td>--</td> <td>--</td> <td>8.0</td> <td>9.0</td> <td>--</td> <td>--</td> <td>4.0</td> <td>7.0</td> <td>5.0</td> <td>2.0</td> </tr> </tbody> </table>								Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	National Forest	--	--	--	--	--	33.0	317.0	341.0	201.0	--	--	--	Bureau of Land Management	231.0	237.0	239.0	182.0	80.0	56.0	49.0	52.0	45.0	52.0	131.0	244.0	Pasture rent/lease	44.0	22.0	--	--	81.0	85.0	--	--	37.0	68.0	44.0	26.0	Deeded rangeland	172.5	88.5	--	--	315.0	333.3	--	--	143.1	265.1	172.9	101.6	Irrigated pasture	--	--	--	--	15.0	37.0	81.1	39.2	10.0	--	--	--	Crop residue	--	--	--	--	--	--	--	--	--	87.0	99.0	76.0	Hay	30.0	55.3	78.1	22.5	--	--	--	--	--	--	--	--	Grain	--	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	--	--	12.0	12.0	--	--	--	--	--	--	--	--	Public grazing--state	4.0	2.0	--	--	8.0	9.0	--	--	4.0	7.0	5.0	2.0
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																
National Forest	--	--	--	--	--	33.0	317.0	341.0	201.0	--	--	--																																																																																																																																																
Bureau of Land Management	231.0	237.0	239.0	182.0	80.0	56.0	49.0	52.0	45.0	52.0	131.0	244.0																																																																																																																																																
Pasture rent/lease	44.0	22.0	--	--	81.0	85.0	--	--	37.0	68.0	44.0	26.0																																																																																																																																																
Deeded rangeland	172.5	88.5	--	--	315.0	333.3	--	--	143.1	265.1	172.9	101.6																																																																																																																																																
Irrigated pasture	--	--	--	--	15.0	37.0	81.1	39.2	10.0	--	--	--																																																																																																																																																
Crop residue	--	--	--	--	--	--	--	--	--	87.0	99.0	76.0																																																																																																																																																
Hay	30.0	55.3	78.1	22.5	--	--	--	--	--	--	--	--																																																																																																																																																
Grain	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																
Protein supplement	--	--	12.0	12.0	--	--	--	--	--	--	--	--																																																																																																																																																
Public grazing--state	4.0	2.0	--	--	8.0	9.0	--	--	4.0	7.0	5.0	2.0																																																																																																																																																

Table 11--Sheep enterprises with up to 999 ewes, Carson National Forest, North-Central New Mexico, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per ewe	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per ewe																																																																																																																																																																																																			
Production:							Cash costs--Continued																																																																																																																																																																																																									
Ewes lambed	Head	510	--	--	--	--	Marketing 4/	Dol	--	--	--	128	0.25																																																																																																																																																																																																			
Annual ewe loss	Head	15	--	--	--	--	Trucking	Dol	--	--	--	454	0.89																																																																																																																																																																																																			
Ewes sold	Head	36	--	--	--	--	Shearing	Dol	--	--	--	--	--																																																																																																																																																																																																			
Lambs docked	Head	714	--	--	--	--	Ram death loss 5/	Dol	--	--	--	--	--																																																																																																																																																																																																			
Lambs lost from docking to marketing	Head	36	--	--	--	--	Miscellaneous 6/	Dol	--	--	--	--	--																																																																																																																																																																																																			
Lambs held as replacements	Head	51	--	--	--	--	Hired labor	Hrs	1,052.0	--	4.82	5,071	9.94																																																																																																																																																																																																			
Lambs sold:							Fuel and lubricants	Dol	--	--	--	1,189	2.33																																																																																																																																																																																																			
Slaughter lambs	Head	596	--	--	--	--	Repairs	Dol	--	--	--	960	1.88																																																																																																																																																																																																			
Feeder lambs	Head	31	--	--	--	--	Taxes 7/	Dol	--	--	--	320	0.63																																																																																																																																																																																																			
Rams	Head	17	--	--	--	--	Insurance	Dol	--	--	--	284	0.56																																																																																																																																																																																																			
Sales:							General farm overhead 8/																																																																																																																																																																																																									
Slaughter lambs	Head	596	100	48.93	29,162	--	Interest on operating capital 9/	Dol	7,995.2	--	0.15	1,231	2.41																																																																																																																																																																																																			
Feeder lambs	Head	31	83	49.26	1,267	--	Total cash costs	Dol	--	--	--	19,829	38.88																																																																																																																																																																																																			
Cull ewes	Head	36	150	10.50	567	--	Other costs:																																																																																																																																																																																																									
Wool	Lbs	5,100	--	.89	4,539	--	Family labor 10/	Hrs	1,551.0	--	4.82	7,476	14.66																																																																																																																																																																																																			
Wool incentive payments 1/	Dol	4,539	--	1.00	4,539	--	Depreciation 11/	Dol	--	--	--	3,493	6.85																																																																																																																																																																																																			
Unshorn lamb payment 2/	Dol	622	--	2.74	1,704	--	Interest on investment other than land 12/	Dol	--	--	--	6,643	13.03																																																																																																																																																																																																			
Total sales	Dol	--	--	--	41,778	81.92	Interest on land 13/	Dol	--	--	--	15,351	30.10																																																																																																																																																																																																			
Cash costs:							Total other costs																																																																																																																																																																																																									
Irrigated pasture	AUM	189.0	--	4.85	917	1.80	Total all costs	Dol	--	--	--	52,792	103.51																																																																																																																																																																																																			
Federal grazing fees	AM	300.0	--	1.86	558	1.09	Return above cash costs																																																																																																																																																																																																									
Pasture rent/lease 3/	AUM	--	--	--	--	--	Return above cash costs	Dol	--	--	--	21,949	43.04																																																																																																																																																																																																			
Hay purchased	Ton	--	--	--	--	--	Return above cash costs and family labor	Dol	--	--	--	14,473	28.38																																																																																																																																																																																																			
Hay produced	Ton	187.0	--	37.25	6,966	13.66	Return to total investment 14/	Dol	--	--	--	10,980	21.53																																																																																																																																																																																																			
Grain	Bu	165.0	--	2.70	446	0.87	Return to land 15/	Dol	--	--	--	4,337	8.50																																																																																																																																																																																																			
Protein supplement	Ton	--	--	--	--	--	Return to total investment 14/																																																																																																																																																																																																									
Salt and mineral	Cwt	2.6	--	5.80	15	0.03	Return to land 15/																																																																																																																																																																																																									
Vet. and medicine	Dol	--	--	--	326	0.64	Return to total investment 14/																																																																																																																																																																																																									
Public grazing-state	AUM	--	--	--	--	--	Return to land 15/																																																																																																																																																																																																									
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td>Feed source:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>National Forest</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>70.0</td> <td>68.0</td> <td>73.0</td> <td>89.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Pasture rent/lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>152.0</td> <td>52.0</td> <td>47.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Irrigated pasture</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>47.0</td> <td>21.0</td> <td>121.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>116.0</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>35.0</td> <td>35.0</td> <td>41.0</td> <td>41.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>35.0</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>33.0</td> <td>33.0</td> <td>33.0</td> <td>33.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>33.0</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Public grazing-state</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Management practices:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Wool marketing 16/</td> <td>lbs</td> <td>--</td> <td>--</td> <td>--</td> <td>5,100.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Lamb marketing 17/</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>627.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:													National Forest	AM	--	--	--	--	70.0	68.0	73.0	89.0	--	--	--	Bureau of Land Management	AM	--	--	--	--	--	--	--	--	--	--	--	Pasture rent/lease	AUM	--	--	--	--	--	--	--	--	--	--	--	Deeded rangeland	AUM	--	--	--	152.0	52.0	47.0	--	--	--	--	--	Irrigated pasture	AUM	--	--	--	--	--	--	47.0	21.0	121.0	--	--	Crop residue	AUM	--	--	--	--	--	--	--	--	--	116.0	--	Hay	Ton	35.0	35.0	41.0	41.0	--	--	--	--	--	--	35.0	Grain	Bu	33.0	33.0	33.0	33.0	--	--	--	--	--	--	33.0	Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--	Public grazing-state	AUM	--	--	--	--	--	--	--	--	--	--	--	Management practices:													Wool marketing 16/	lbs	--	--	--	5,100.0	--	--	--	--	--	--	--	Lamb marketing 17/	Head	--	--	--	--	--	--	--	627.0	--	--	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																				
Feed source:																																																																																																																																																																																																																
National Forest	AM	--	--	--	--	70.0	68.0	73.0	89.0	--	--	--																																																																																																																																																																																																				
Bureau of Land Management	AM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																				
Pasture rent/lease	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																				
Deeded rangeland	AUM	--	--	--	152.0	52.0	47.0	--	--	--	--	--																																																																																																																																																																																																				
Irrigated pasture	AUM	--	--	--	--	--	--	47.0	21.0	121.0	--	--																																																																																																																																																																																																				
Crop residue	AUM	--	--	--	--	--	--	--	--	--	116.0	--																																																																																																																																																																																																				
Hay	Ton	35.0	35.0	41.0	41.0	--	--	--	--	--	--	35.0																																																																																																																																																																																																				
Grain	Bu	33.0	33.0	33.0	33.0	--	--	--	--	--	--	33.0																																																																																																																																																																																																				
Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																				
Public grazing-state	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																				
Management practices:																																																																																																																																																																																																																
Wool marketing 16/	lbs	--	--	--	5,100.0	--	--	--	--	--	--	--																																																																																																																																																																																																				
Lamb marketing 17/	Head	--	--	--	--	--	--	--	627.0	--	--	--																																																																																																																																																																																																				

Table 12--Sheep enterprises with 1,000 or more ewes, Carson National Forest, North-Central New Mexico, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per ewe	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per ewe																																																																																																																																																																																						
Production:							Cash costs--Continued																																																																																																																																																																																												
Ewes lambed	Head	1,920	--	--	--	--	Marketing ^{4/}	Dol	--	--	--	288	0.15																																																																																																																																																																																						
Annual ewe loss	Head	77	--	--	--	--	Trucking	Dol	--	--	--	2,592	1.35																																																																																																																																																																																						
Ewes sold	Head	153	--	--	--	--	Shearing	Dol	--	--	--	2,342	1.22																																																																																																																																																																																						
Lambs docked	Head	2,592	--	--	--	--	Ram death loss ^{5/}	Dol	--	--	--	442	0.23																																																																																																																																																																																						
Lambs lost from docking to marketing	Head	156	--	--	--	--	Miscellaneous ^{6/}	Dol	--	--	--	2,342	1.22																																																																																																																																																																																						
Lambs held as replacements	Head	230	--	--	--	--	Hired labor	Hrs	4,337.5	--	4.82	20,907	10.89																																																																																																																																																																																						
Lambs sold:							Fuel and lubricants	Dol	--	--	--	2,140	1.11																																																																																																																																																																																						
Slaughter lambs	Head	2,096	--	--	--	--	Repairs	Dol	--	--	--	2,149	1.12																																																																																																																																																																																						
Feeder lambs	Head	110	--	--	--	--	Taxes ^{7/}	Dol	--	--	--	673	0.35																																																																																																																																																																																						
Rams	Head	64	--	--	--	--	Insurance	Dol	--	--	--	920	0.48																																																																																																																																																																																						
Sales:							General farm overhead ^{8/}																																																																																																																																																																																												
Slaughter lambs	Head	2,096	100	48.93	102,557	--	Interest on operating capital ^{9/}	Dol	24,772.1	--	0.15	3,815	1.99																																																																																																																																																																																						
Feeder lambs	Head	110	83	49.26	4,497	--	Total cash costs	Dol	--	--	--	64,706	33.70																																																																																																																																																																																						
Cull ewes	Head	153	150	10.50	2,410	--	Other costs:																																																																																																																																																																																												
Wool	Lbs	19,200	--	.89	17,088	--	Family labor ^{10/}	Hrs	2,533.0	--	4.82	12,209	6.36																																																																																																																																																																																						
Wool incentive payments ^{1/}	Dol	17,088	--	1.00	17,088	--	Depreciation ^{11/}	Dol	--	--	--	9,745	5.08																																																																																																																																																																																						
Unshorn lamb payment ^{2/}	Dol	2,187	--	2.74	5,992	--	Interest on investment other than land ^{12/}	Dol	--	--	--	20,911	10.89																																																																																																																																																																																						
Total sales	Dol	--	--	--	149,632	77.93	Interest on land ^{13/}	Dol	--	--	--	32,712	17.04																																																																																																																																																																																						
Cash costs:							Total other costs																																																																																																																																																																																												
Irrigated pasture	AUM	--	--	--	--	--	Total all costs	Dol	--	--	--	140,283	73.06																																																																																																																																																																																						
Federal grazing fees	AM	2,541.0	--	1.86	4,726	2.46	Return above cash costs																																																																																																																																																																																												
Pasture rent/lease ^{3/}	AUM	--	--	--	--	--	Return above cash costs and family labor	Dol	--	--	--	84,926	44.23																																																																																																																																																																																						
Hay purchased	Ton	--	--	--	--	--	Return to total investment ^{14/}	Dol	--	--	--	72,717	37.87																																																																																																																																																																																						
Hay produced	Ton	421.0	--	37.25	15,682	8.17	Return to land ^{15/}	Dol	--	--	--	62,972	32.80																																																																																																																																																																																						
Grain	Bu	915.0	--	2.70	2,471	1.29		Dol	--	--	--	42,061	21.91																																																																																																																																																																																						
Protein supplement	Ton	3.0	--	248.20	745	0.39	Return to total investment ^{14/}																																																																																																																																																																																												
Salt and mineral	Cwt	9.6	--	5.80	56	0.03		Dol	--	--	--	62,972	32.80																																																																																																																																																																																						
Vet. and medicine	Dol	--	--	--	1,152	0.60		Dol	--	--	--	42,061	21.91																																																																																																																																																																																						
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td>Feed source:</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>National Forest</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>117.0</td> <td>381.0</td> <td>408.0</td> <td>408.0</td> <td>409.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management</td> <td>AM</td> <td>409.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>409.0</td> </tr> <tr> <td>Pasture rent/lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>573.0</td> <td>394.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Irrigated pasture</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>437.0</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>--</td> <td>125.0</td> <td>148.0</td> <td>148.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>305.0</td> <td>305.0</td> <td>305.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>--</td> <td>1.0</td> <td>1.0</td> <td>1.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Management practices:</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>Wool marketing ^{16/}</td> <td>lbs</td> <td>--</td> <td>--</td> <td>--</td> <td>19,200.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Lamb marketing ^{17/}</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>2,206.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:													National Forest	AM	--	--	--	--	117.0	381.0	408.0	408.0	409.0	--	--	Bureau of Land Management	AM	409.0	--	--	--	--	--	--	--	--	--	409.0	Pasture rent/lease	AUM	--	--	--	--	--	--	--	--	--	--	--	Deeded rangeland	AUM	--	--	--	573.0	394.0	--	--	--	--	--	--	Irrigated pasture	AUM	--	--	--	--	--	--	--	--	--	--	--	Crop residue	AUM	--	--	--	--	--	--	--	--	--	437.0	--	Hay	Ton	--	125.0	148.0	148.0	--	--	--	--	--	--	--	Grain	Bu	--	305.0	305.0	305.0	--	--	--	--	--	--	--	Protein supplement	Ton	--	1.0	1.0	1.0	--	--	--	--	--	--	--	Management practices:													Wool marketing ^{16/}	lbs	--	--	--	19,200.0	--	--	--	--	--	--	--	Lamb marketing ^{17/}	Head	--	--	--	--	--	--	2,206.0	--	--	--	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																							
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National Forest	AM	--	--	--	--	117.0	381.0	408.0	408.0	409.0	--	--																																																																																																																																																																																							
Bureau of Land Management	AM	409.0	--	--	--	--	--	--	--	--	--	409.0																																																																																																																																																																																							
Pasture rent/lease	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																							
Deeded rangeland	AUM	--	--	--	573.0	394.0	--	--	--	--	--	--																																																																																																																																																																																							
Irrigated pasture	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																							
Crop residue	AUM	--	--	--	--	--	--	--	--	--	437.0	--																																																																																																																																																																																							
Hay	Ton	--	125.0	148.0	148.0	--	--	--	--	--	--	--																																																																																																																																																																																							
Grain	Bu	--	305.0	305.0	305.0	--	--	--	--	--	--	--																																																																																																																																																																																							
Protein supplement	Ton	--	1.0	1.0	1.0	--	--	--	--	--	--	--																																																																																																																																																																																							
Management practices:																																																																																																																																																																																																			
Wool marketing ^{16/}	lbs	--	--	--	19,200.0	--	--	--	--	--	--	--																																																																																																																																																																																							
Lamb marketing ^{17/}	Head	--	--	--	--	--	--	2,206.0	--	--	--	--																																																																																																																																																																																							

Table 13—Sheep enterprises of all sizes, Ashley National Forest, Northeastern Utah, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per ewe	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per ewe																																																																																																																																																																																																	
Production:							Cash costs—Continued																																																																																																																																																																																																							
Ewes lambed	Head	2,223	--	--	--	--	Marketing ^{4/}	Dol	--	--	--	268	0.12																																																																																																																																																																																																	
Annual ewe loss	Head	151	--	--	--	--	Trucking	Dol	--	--	--	658	.30																																																																																																																																																																																																	
Ewes sold	Head	427	--	--	--	--	Shearing	Dol	--	--	--	4,714	2.12																																																																																																																																																																																																	
Lambs docked	Head	2,112	--	--	--	--	Ram death loss ^{5/}	Dol	--	--	--	1,312	0.59																																																																																																																																																																																																	
Lambs lost from docking to marketing	Head	218	--	--	--	--	Miscellaneous ^{6/}	Dol	--	--	--	4,887	2.20																																																																																																																																																																																																	
Lambs held as replacements	Head	578	--	--	--	--	Hired labor	Hrs	5,700.0	--	4.22	24,054	10.82																																																																																																																																																																																																	
Lambs sold:							Fuel and lubricants	Dol	--	--	--	5,157	2.32																																																																																																																																																																																																	
Slaughter lambs	Head	948	--	--	--	--	Repairs	Dol	--	--	--	3,266	1.47																																																																																																																																																																																																	
Feeder lambs	Head	368	--	--	--	--	Taxes ^{7/}	Dol	--	--	--	2,084	0.94																																																																																																																																																																																																	
Rams	Head	53	--	--	--	--	Insurance	Dol	--	--	--	1,147	0.52																																																																																																																																																																																																	
Sales:							General farm overhead ^{8/}																																																																																																																																																																																																							
Slaughter lambs	Head	948	96	48.93	44,530	--	Interest on operating capital ^{9/}	Dol	28,537.05	--	0.15	4,223	1.90																																																																																																																																																																																																	
Feeder lambs	Head	368	84	49.26	15,227	--	Total cash costs	Dol	--	--	--	83,103	37.38																																																																																																																																																																																																	
Cull ewes	Head	427	135	10.50	6,053	--	Other costs:																																																																																																																																																																																																							
Wool	Lbs	26,231	--	.80	20,985	--	Family labor ^{10/}	Hrs	2,600.0	--	4.22	10,972	4.94																																																																																																																																																																																																	
Wool incentive payments ^{1/}	Dol	20,985	--	1.00	20,985	--	Depreciation ^{11/}	Dol	--	--	--	12,321	5.54																																																																																																																																																																																																	
Unshorn lamb payment ^{2/}	Dol	1,219	--	2.74	3,340	--	Interest on investment other than land ^{12/}	Dol	--	--	--	26,360	11.86																																																																																																																																																																																																	
Total sales	Dol	--	--	--	111,120	49.99	Interest on land ^{13/}	Dol	--	--	--	71,193	32.03																																																																																																																																																																																																	
Cash costs:							Total other costs																																																																																																																																																																																																							
Irrigated pasture	AUM	--	--	--	--	--	Total all costs	Dol	--	--	--	203,949	91.74																																																																																																																																																																																																	
Federal grazing fees	AM	2,227.0	--	1.86	4,142	1.86	Return above cash costs																																																																																																																																																																																																							
Pasture rent/lease ^{3/}	AUM	340.0	--	9.29	3,159	1.42	Return above cash costs and family labor	Dol	--	--	--	28,017	12.60																																																																																																																																																																																																	
Hay purchased	Ton	302.6	--	62.00	18,761	8.44	Return above cash costs and family labor investment ^{14/}	Dol	--	--	--	17,045	7.67																																																																																																																																																																																																	
Hay produced	Ton	--	--	--	--	--	Return to land ^{15/}	Dol	--	--	--	4,724	2.13																																																																																																																																																																																																	
Grain	Bu	819.0	--	2.51	2,056	0.92	Return to land ^{15/}	Dol	--	--	--	-21,636	-9.73																																																																																																																																																																																																	
Protein supplement	Ton	--	--	--	--	--	Return to total investment ^{14/}																																																																																																																																																																																																							
Salt and mineral	Owt	--	--	--	--	--	Return to total investment ^{14/}																																																																																																																																																																																																							
Vet. and medicine	Dol	--	--	--	--	--	Return to total investment ^{14/}																																																																																																																																																																																																							
Public grazing--state	AUM	--	--	--	--	--	Return to total investment ^{14/}																																																																																																																																																																																																							
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td>Feed source:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>National Forest Bureau of Land Management</td> <td>AM</td> <td>38.0</td> <td>38.0</td> <td>38.0</td> <td>--</td> <td>--</td> <td>48.0</td> <td>257.0</td> <td>255.0</td> <td>126.0</td> <td>16.0</td> <td>--</td> <td>20.0</td> </tr> <tr> <td>Pasture rent/lease</td> <td>AUM</td> <td>18.0</td> <td>18.0</td> <td>16.0</td> <td>--</td> <td>24.0</td> <td>52.0</td> <td>29.0</td> <td>27.0</td> <td>36.0</td> <td>50.0</td> <td>48.0</td> <td>22.0</td> </tr> <tr> <td>Deeded rangeland</td> <td>AUM</td> <td>160.8</td> <td>159.9</td> <td>100.9</td> <td>60.0</td> <td>200.0</td> <td>466.7</td> <td>256.4</td> <td>241.7</td> <td>327.4</td> <td>454.6</td> <td>431.0</td> <td>200.6</td> </tr> <tr> <td>Irrigated pasture</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>--</td> <td>--</td> <td>150.0</td> <td>62.3</td> <td>90.3</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>353.0</td> <td>345.0</td> <td>121.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Public grazing--state</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Management practices:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Wool marketing ^{16/}</td> <td>lbs</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>26,231.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Lamb marketing ^{17/}</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>1,316.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:													National Forest Bureau of Land Management	AM	38.0	38.0	38.0	--	--	48.0	257.0	255.0	126.0	16.0	--	20.0	Pasture rent/lease	AUM	18.0	18.0	16.0	--	24.0	52.0	29.0	27.0	36.0	50.0	48.0	22.0	Deeded rangeland	AUM	160.8	159.9	100.9	60.0	200.0	466.7	256.4	241.7	327.4	454.6	431.0	200.6	Irrigated pasture	AUM	--	--	--	--	--	--	--	--	--	--	--	--	Crop residue	AUM	--	--	--	--	--	--	--	--	--	--	--	--	Hay	Ton	--	--	150.0	62.3	90.3	--	--	--	--	--	--	--	Grain	Bu	--	--	353.0	345.0	121.0	--	--	--	--	--	--	--	Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--	--	Public grazing--state	AUM	--	--	--	--	--	--	--	--	--	--	--	--	Management practices:													Wool marketing ^{16/}	lbs	--	--	--	--	26,231.0	--	--	--	--	--	--	--	Lamb marketing ^{17/}	Head	--	--	--	--	--	--	--	1,316.0	--	--	--	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																		
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Pasture rent/lease	AUM	18.0	18.0	16.0	--	24.0	52.0	29.0	27.0	36.0	50.0	48.0	22.0																																																																																																																																																																																																	
Deeded rangeland	AUM	160.8	159.9	100.9	60.0	200.0	466.7	256.4	241.7	327.4	454.6	431.0	200.6																																																																																																																																																																																																	
Irrigated pasture	AUM	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																	
Crop residue	AUM	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																	
Hay	Ton	--	--	150.0	62.3	90.3	--	--	--	--	--	--	--																																																																																																																																																																																																	
Grain	Bu	--	--	353.0	345.0	121.0	--	--	--	--	--	--	--																																																																																																																																																																																																	
Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																	
Public grazing--state	AUM	--	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																	
Management practices:																																																																																																																																																																																																														
Wool marketing ^{16/}	lbs	--	--	--	--	26,231.0	--	--	--	--	--	--	--																																																																																																																																																																																																	
Lamb marketing ^{17/}	Head	--	--	--	--	--	--	--	1,316.0	--	--	--	--																																																																																																																																																																																																	

Table 14—Sheep enterprises of all sizes, Boise National Forest, Southern Idaho Panhandle, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per ewe	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per ewe					
Production:							Cash costs--Continued											
Ewes lambed	Head	5,387	--	--	--	--	Marketing 4/	Dol	--	--	--	6,493	1.21					
Annual ewe loss	Head	700	--	--	--	--	Trucking	Dol	--	--	--	12,687	2.36					
Ewes sold	Head	701	--	--	--	--	Shearing	Dol	--	--	--	11,038	2.05					
Lambs docked	Head	5,387	--	--	--	--	Ram death loss 5/	Dol	--	--	--	2,007	0.37					
Lambs lost from docking to marketing	Head	377	--	--	--	--	Miscellaneous 6/	Dol	--	--	--	32,066	5.95					
Lambs held as replacements	Head	970	--	--	--	--	Hired labor	Hrs	5,268.0	--	4.17	21,968	4.08					
Lambs sold:							Fuel and lubricants	Dol	--	--	--	11,247	2.09					
Slaughter lambs	Head	1,785	--	--	--	--	Repairs	Dol	--	--	--	8,155	1.51					
Feeder lambs	Head	1,878	--	--	--	--	Taxes 7/	Dol	--	--	--	7,142	1.33					
Rams	Head	108	--	--	--	--	Insurance	Dol	--	--	--	2,717	0.50					
Sales:							General farm overhead 8/											
Slaughter lambs	Head	1,785	102	48.93	89,087	--	Interest on operating capital 9/	Dol	58,006.0	--	0.15	8,585	1.59					
Feeder lambs	Head	1,878	84	49.26	77,709	--	Total cash costs	Dol	--	--	--	192,555	35.74					
Cull ewes	Head	701	130	10.50	9,569	--	Other costs:											
Wool	Lbs	53,870	--	.89	47,944	--	Family labor 10/	Hrs	3,900.0	--	4.17	16,263	3.02					
Wool incentive payments 1/	Dol	47,944	--	1.00	47,944	--	Depreciation 11/	Dol	--	--	--	29,377	5.45					
Unshorn lamb payment 2/	Dol	3,715	--	2.74	10,179	--	Interest on investment other than land 12/	Dol	--	--	--	63,499	11.79					
Total sales	Dol	--	--	--	282,432	52.43	Interest on land 13/	Dol	--	--	--	293,542	54.49					
Cash costs:							Total other costs											
Irrigated pasture	AUM	503.6	--	4.51	2,271	0.42	Total all costs	Dol	--	--	--	595,236	110.49					
Federal grazing fees	AM	7,587.0	--	1.86	14,112	2.62	Return above cash costs											
Pasture rent/lease 3/	AUM	2,382.9	--	7.98	19,016	3.53	Return above cash costs	Dol	--	--	--	89,877	16.68					
Hay purchased	Ton	240.0	--	53.17	12,761	2.37	Return above cash costs and family labor	Dol	--	--	--	73,614	13.67					
Hay produced	Ton	160.0	--	32.78	5,245	0.97	Return to total investment 14/	Dol	--	--	--	44,237	8.21					
Grain	Bu	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-19,262	-3.58					
Protein supplement	Ton	24.0	--	228.20	5,477	1.02	Monthly breakdown (Jan-Dec):											
Salt and mineral	Cwt	377.1	--	4.33	1,633	0.30	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Vet. and medicine	Dol	--	--	--	2,236	0.42												
Public grazing--state	AUM	--	--	--	--	--												
Feed source:																		
National Forest	AM	--	--	--	--	137.0	471.0	619.0	653.0	629.0	320.0	154.0	--					
Bureau of Land Management	AM	--	--	75.0	643.0	792.0	472.0	126.0	49.0	49.0	756.0	902.0	740.0					
Pasture rent/lease	AUM	--	--	444.3	444.0	285.0	256.2	476.7	476.7	--	--	--	--					
Deeded rangeland	AUM	558.4	558.4	862.2	194.9	--	--	--	--	--	--	--	397.1					
Irrigated pasture	AUM	--	--	--	--	--	--	66.1	193.7	243.8	--	--	--					
Crop residue	AUM	--	--	--	--	--	--	--	--	242.2	62.8	81.3	--					
Hay	Ton	200.0	200.0	--	--	--	--	--	--	--	--	--	--					
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--					
Protein supplement	Ton	8.0	8.0	--	--	--	--	--	--	--	--	--	8.0					
Public grazing--state	AUM	--	--	--	--	--	--	--	--	--	--	--	--					
Management practices:																		
Wool marketing 16/	lbs	--	--	--	53,870.0	--	--	--	--	--	--	--	--					
Lamb marketing 17/	Head	--	--	--	--	--	--	--	--	4,040.0	--	--	--					

Table 16--Sheep enterprises with up to 999 ewes, Caribou National Forest, Southeast Idaho, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per ewe	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per ewe																																																																																																																																																																																						
Production:							Cash costs--Continued																																																																																																																																																																																												
Ewes lambed	Head	313	--	--	--	--	Marketing ^{4/}	Dol	--	--	--	218	0.70																																																																																																																																																																																						
Annual ewe loss	Head	15	--	--	--	--	Trucking	Dol	--	--	--	242	0.77																																																																																																																																																																																						
Ewes sold	Head	32	--	--	--	--	Shearing	Dol	--	--	--	723	2.31																																																																																																																																																																																						
Lambs docked	Head	366	--	--	--	--	Ram death loss ^{5/}	Dol	--	--	--	118	0.38																																																																																																																																																																																						
Lambs lost from docking to marketing	Head	31	--	--	--	--	Miscellaneous ^{6/}	Dol	--	--	--	906	2.89																																																																																																																																																																																						
Lambs held as replacements	Head	47	--	--	--	--	Hired labor	Hrs	500.0	--	4.17	2,085	6.66																																																																																																																																																																																						
Lambs sold:							Fuel and lubricants	Dol	--	--	--	730	2.33																																																																																																																																																																																						
Slaughter lambs	Head	202	--	--	--	--	Repairs	Dol	--	--	--	474	1.51																																																																																																																																																																																						
Feeder lambs	Head	86	--	--	--	--	Taxes ^{7/}	Dol	--	--	--	274	0.88																																																																																																																																																																																						
Rams	Head	9	--	--	--	--	Insurance	Dol	--	--	--	149	0.48																																																																																																																																																																																						
Sales:							General farm overhead ^{8/}																																																																																																																																																																																												
Slaughter lambs	Head	202	105	48.93	10,378	--	Interest on operating capital ^{9/}	Dol	4,718.6	--	0.15	698	2.23																																																																																																																																																																																						
Feeder lambs	Head	86	85	49.26	3,601	--	Total cash costs	Dol	--	--	--	11,973	38.25																																																																																																																																																																																						
Cull ewes	Head	32	100	10.50	336	--	Other costs:																																																																																																																																																																																												
Wool	Lbs	3,456	--	.89	3,076	--	Family labor ^{10/}	Hrs	323.0	--	4.17	1,347	4.30																																																																																																																																																																																						
Wool incentive payments ^{1/}	Dol	3,076	--	1.00	3,076	--	Depreciation ^{11/}	Dol	--	--	--	1,765	5.64																																																																																																																																																																																						
Unshorn lamb payment ^{2/}	Dol	285	--	2.74	781	--	Interest on investment other than land ^{12/}	Dol	--	--	--	3,654	11.67																																																																																																																																																																																						
Total sales	Dol	--	--	--	21,248	67.88	Interest on land ^{13/}	Dol	--	--	--	9,465	30.24																																																																																																																																																																																						
Cash costs:							Total other costs																																																																																																																																																																																												
Irrigated pasture	AUM	--	--	--	--	--	Total all costs	Dol	--	--	--	28,204	90.11																																																																																																																																																																																						
Federal grazing fees	AM	355.0	--	1.86	660	2.11	Return above cash costs																																																																																																																																																																																												
Pasture rent/lease ^{3/}	AUM	--	--	--	--	--	Return above cash costs and family labor investment ^{14/}	Dol	--	--	--	9,275	29.63																																																																																																																																																																																						
Hay purchased	Ton	35.7	--	53.17	1,898	6.06	Return to land ^{15/}	Dol	--	--	--	7,928	25.33																																																																																																																																																																																						
Hay produced	Ton	35.7	--	32.78	1,170	3.74	Return to total investment ^{14/}																																																																																																																																																																																												
Grain	Bu	--	--	--	--	--	Return to land ^{15/}	Dol	--	--	--	6,163	19.69																																																																																																																																																																																						
Protein supplement	Ton	--	--	--	--	--	Return to total investment ^{14/}																																																																																																																																																																																												
Salt and mineral	Cwt	22.0	--	4.33	95	0.30	Return to total investment ^{14/}																																																																																																																																																																																												
Vet. and medicine	Dol	--	--	--	264	0.84	Return to total investment ^{14/}																																																																																																																																																																																												
Public grazing--state	AUM	73.0	--	5.59	408	1.30	Return to total investment ^{14/}																																																																																																																																																																																												
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td>Feed source:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>National Forest Bureau of Land Management</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>74.0</td> <td>69.0</td> <td>28.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Pasture rent/lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>56.0</td> <td>59.0</td> </tr> <tr> <td>Deeded rangeland</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>94.0</td> <td>91.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Irrigated pasture</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>38.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>22.6</td> <td>22.6</td> <td>26.2</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Public grazing--state</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>36.0</td> <td>37.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Management practices:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Wool marketing ^{16/}</td> <td>lbs</td> <td>--</td> <td>--</td> <td>--</td> <td>3,456.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Lamb marketing ^{17/}</td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>288.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:													National Forest Bureau of Land Management	AM	--	--	--	--	--	74.0	69.0	28.0	--	--	--	Pasture rent/lease	AUM	--	--	--	--	--	--	--	--	--	56.0	59.0	Deeded rangeland	AUM	--	--	--	--	94.0	91.0	--	--	--	--	--	Irrigated pasture	AUM	--	--	--	--	--	--	--	--	--	--	--	Crop residue	AUM	--	--	--	--	--	--	--	38.0	--	--	--	Hay	Ton	22.6	22.6	26.2	--	--	--	--	--	--	--	--	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--	Public grazing--state	AUM	--	--	--	--	--	--	--	36.0	37.0	--	--	Management practices:													Wool marketing ^{16/}	lbs	--	--	--	3,456.0	--	--	--	--	--	--	--	Lamb marketing ^{17/}	Head	--	--	--	--	--	--	--	288.0	--	--	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																							
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National Forest Bureau of Land Management	AM	--	--	--	--	--	74.0	69.0	28.0	--	--	--																																																																																																																																																																																							
Pasture rent/lease	AUM	--	--	--	--	--	--	--	--	--	56.0	59.0																																																																																																																																																																																							
Deeded rangeland	AUM	--	--	--	--	94.0	91.0	--	--	--	--	--																																																																																																																																																																																							
Irrigated pasture	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																							
Crop residue	AUM	--	--	--	--	--	--	--	38.0	--	--	--																																																																																																																																																																																							
Hay	Ton	22.6	22.6	26.2	--	--	--	--	--	--	--	--																																																																																																																																																																																							
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																							
Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																							
Public grazing--state	AUM	--	--	--	--	--	--	--	36.0	37.0	--	--																																																																																																																																																																																							
Management practices:																																																																																																																																																																																																			
Wool marketing ^{16/}	lbs	--	--	--	3,456.0	--	--	--	--	--	--	--																																																																																																																																																																																							
Lamb marketing ^{17/}	Head	--	--	--	--	--	--	--	288.0	--	--	--																																																																																																																																																																																							

Table 17--Sheep enterprises with 1,000-2,999 ewes, Caribou National Forest, Southeast Idaho, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per ewe	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per ewe					
Production:							Cash costs--Continued											
Ewes lambed	Head	1,556	--	--	--	--	Marketing 4/	Dol	--	--	--	437	0.28					
Annual ewe loss	Head	78	--	--	--	--	Trucking	Dol	--	--	--	2,978	1.91					
Ewes sold	Head	187	--	--	--	--	Shearing	Dol	--	--	--	3,244	2.08					
Lambs docked	Head	1,821	--	--	--	--	Ram death loss 5/	Dol	--	--	--	1,146	0.74					
Lambs lost from docking to marketing	Head	157	--	--	--	--	Miscellaneous 6/	Dol	--	--	--	6,042	3.88					
Lambs held as replacements	Head	265	--	--	--	--	Hired labor	Hrs	2,489.0	--	4.17	10,379	6.67					
Lambs sold:							Fuel and lubricants	Dol	--	--	--	1,982	1.27					
Slaughter lambs	Head	979	--	--	--	--	Repairs	Dol	--	--	--	1,569	1.01					
Feeder lambs	Head	420	--	--	--	--	Taxes 7/	Dol	--	--	--	1,088	0.70					
Rams	Head	44	--	--	--	--	Insurance	Dol	--	--	--	690	0.44					
Sales:							General farm overhead 8/											
Slaughter lambs	Head	979	105	48.93	50,298	--	Interest on operating capital 9/	Dol	23,814.2	--	0.15	3,525	2.27					
Feeder lambs	Head	420	85	49.26	17,586	--	Total cash costs	Dol	--	--	--	57,507	36.96					
Cull ewes	Head	187	100	10.50	1,964	--	Other costs:											
Wool	Lbs	17,147	--	.89	15,261	--	Family labor 10/	Hrs	1,607.0	--	4.17	6,701	4.31					
Wool incentive payments 1/	Dol	15,261	--	1.00	15,261	--	Depreciation 11/	Dol	--	--	--	7,615	4.89					
Unshorn lamb payment 2/	Dol	1,385	--	2.74	3,795	--	Interest on investment other than land 12/	Dol	--	--	--	16,614	10.68					
Total sales	Dol	--	--	--	104,165	66.94	Interest on land 13/	Dol	--	--	--	39,889	25.64					
Cash costs:							Total other costs											
Irrigated pasture	AUM	--	--	--	--	--	Total all costs	Dol	--	--	--	128,326	82.47					
Federal grazing fees	AM	1,758.0	--	1.86	3,270	2.10	Return above cash costs											
Pasture rent/lease 3/	AUM	--	--	--	--	--	Return above cash costs and family labor	Dol	--	--	--	39,957	25.68					
Hay purchased	Ton	177.0	--	53.17	9,411	6.05	Return to total investment 14/	Dol	--	--	--	32,342	20.79					
Hay produced	Ton	177.0	--	32.78	5,802	3.73	Return to land 15/	Dol	--	--	--	15,728	10.11					
Grain	Bu	--	--	--	--	--	Public grazing--state											
Protein supplement	Ton	--	--	--	--	--	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Salt and mineral	Cwt	109.0	--	4.33	472	0.30	--	--	--	--	--	--	365.0	341.0	140.0	--	--	--
Vet. and medicine	Dol	--	--	--	1,208	0.78	--	--	--	--	466.0	450.0	--	--	--	--	--	--
Public grazing--state	AUM	364.0	--	5.59	2,035	1.31	--	--	--	--	--	--	--	--	--	187.0	--	--
Feed source:							Management practices:											
National Forest	AM	--	--	--	--	--	Wool marketing 16/	lbs	--	--	--	17,147.0	--	--	--	--	--	--
Bureau of Land Management	AM	--	--	--	340.0	--	Lamb marketing 17/	Head	--	--	--	--	--	--	1,399.0	--	--	--
Pasture rent/lease	AUM	--	--	--	--	--												
Deeded rangeland	AUM	--	--	--	--	--												
Irrigated pasture	AUM	--	--	--	--	--												
Crop residue	AUM	--	--	--	--	--												
Hay	Ton	112.0	111.4	130.6	--	--												
Grain	Bu	--	--	--	--	--												
Protein supplement	Ton	--	--	--	--	--												
Public grazing--state	AUM	--	--	--	--	--												

Table 18--Sheep enterprises with 3,000 or more ewes, Caribou National Forest, Southeast Idaho, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per ewe	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per ewe
Production:							::Cash costs--Continued						
Ewes lambed	Head	4,575	--	--	--	--	Marketing <u>4/</u>	Dol	--	--	--	1,164	0.25
Annual ewe loss	Head	229	--	--	--	--	Trucking	Dol	--	--	--	8,568	1.87
Ewes sold	Head	732	--	--	--	--	Shearing	Dol	--	--	--	9,538	2.08
Lambs docked	Head	4,301	--	--	--	--	Ram death loss <u>5/</u>	Dol	--	--	--	3,369	0.74
Lambs lost from docking to marketing	Head	387	--	--	--	--	Miscellaneous <u>6/</u>	Dol	--	--	--	17,766	3.88
Lambs held as replacements	Head	961	--	--	--	--	Hired labor	Hrs	7,319.0	--	4.17	30,520	6.67
Lambs sold:							Fuel and lubricants	Dol	--	--	--	3,191	0.70
Slaughter lambs	Head	2,127	--	--	--	--	Repairs	Dol	--	--	--	3,089	0.68
Feeder lambs	Head	826	--	--	--	--	Taxes <u>7/</u>	Dol	--	--	--	2,754	0.60
Rams	Head	114	--	--	--	--	Insurance	Dol	--	--	--	2,033	0.44
Sales:							:: Interest on operating capital <u>9/</u>						
Slaughter lambs	Head	2,127	105	48.93	109,278	--	Total cash costs	Dol	--	--	--	130,538	28.53
Feeder lambs	Head	826	85	49.26	34,585	--	::Other costs:						
Cull ewes	Head	732	100	10.50	7,686	--	Family labor <u>10/</u>	Hrs	4,726.0	--	4.17	19,707	4.31
Wool	Lbs	49,868	--	.89	44,383	--	Depreciation <u>11/</u>	Dol	--	--	--	17,714	3.87
Wool incentive payments <u>1/</u>	Dol	44,383	--	1.00	44,383	--	Interest on investment other than land <u>12/</u>	Dol	--	--	--	47,243	10.33
Unshorn lamb payment <u>2/</u>	Dol	2,935	--	2.74	8,042	--	Interest on land <u>13/</u>	Dol	--	--	--	106,342	23.24
Total sales	Dol	--	--	--	248,357	54.29	Total other costs	Dol	--	--	--	191,006	41.75
Cash costs:							::Total all costs						
Irrigated pasture	AUM	--	--	--	--	--	Return above cash costs	Dol	--	--	--	117,819	25.75
Federal grazing fees	AM	5,136.0	--	1.86	9,553	2.09	Return above cash costs and family labor	Dol	--	--	--	98,112	21.45
Pasture rent/lease <u>3/</u>	AUM	--	--	--	--	--	Return to total investment <u>14/</u>	Dol	--	--	--	80,398	17.57
Hay purchased	Ton	177.0	--	53.17	9,411	2.06	Return to land <u>15/</u>	Dol	--	--	--	33,155	7.25
Hay produced	Ton	177.0	--	32.78	5,802	1.27							
Grain	Bu	--	--	--	--	--							
Protein supplement	Ton	--	--	--	--	--							
Salt and mineral	Cwt	320.3	--	4.33	1,387	0.30							
Vet. and medicine	Dol	--	--	--	3,554	0.78							
Public grazing--state	AUM	1,063.0	--	5.59	5,942	1.30							
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Feed source:													
National Forest	AM	--	--	--	--	--	1,068.0	996.0	408.0	--	--	--	--
Bureau of Land Management	AM	--	--	--	995.0	--	--	--	--	--	--	816.0	853.0
Pasture rent/lease	AUM	--	--	--	--	--	--	--	--	--	--	--	--
Deeded rangeland	AUM	1,362.0	1,314.0	--	--	--	--	--	--	--	--	--	--
Irrigated pasture	AUM	--	--	--	--	--	--	--	--	--	--	--	--
Crop residue	AUM	--	--	--	--	--	--	--	--	--	--	--	--
Hay	Ton	112.0	111.4	130.6	--	--	--	--	--	--	--	--	--
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--
Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--	--
Public grazing--state	AUM	--	--	--	--	--	--	--	520.0	543.0	--	--	--
Management practices:													
Wool marketing <u>16/</u>	lbs	--	--	--	49,868.0	--	--	--	--	--	--	--	--
Lamb marketing <u>17/</u>	Head	--	--	--	--	--	--	--	2,953.0	--	--	--	--

Table 20--Sheep enterprises with up to 999, Fishlake National Forest, Central Utah, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per ewe	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per ewe																																																																																																																																															
Production:							Cash costs--Continued																																																																																																																																																					
Ewes lambed	Head	340	--	--	--	--	Marketing 4/	Dol	--	--	--	85	0.25																																																																																																																																															
Annual ewe loss	Head	17	--	--	--	--	Trucking	Dol	--	--	--	575	1.69																																																																																																																																															
Ewes sold	Head	51	--	--	--	--	Shearing	Dol	--	--	--	435	1.28																																																																																																																																															
Lambs docked	Head	391	--	--	--	--	Ram death loss 5/	Dol	--	--	--	99	0.29																																																																																																																																															
Lambs lost from docking to marketing	Head	47	--	--	--	--	Miscellaneous 6/	Dol	--	--	--	333	0.98																																																																																																																																															
Lambs held as replacements	Head	68	--	--	--	--	Hired labor	Hrs	510.0	--	4.22	2,152	6.33																																																																																																																																															
Lambs sold:							Fuel and lubricants	Dol	--	--	--	549	1.61																																																																																																																																															
Slaughter lambs	Head	83	--	--	--	--	Repairs	Dol	--	--	--	544	1.60																																																																																																																																															
Feeder lambs	Head	193	--	--	--	--	Taxes 7/	Dol	--	--	--	133	0.39																																																																																																																																															
Rams	Head	9	--	--	--	--	Insurance	Dol	--	--	--	162	0.48																																																																																																																																															
Sales:							General farm overhead 8/																																																																																																																																																					
Slaughter lambs	Head	83	97	48.93	3,939	--	Interest on operating capital 9/	Dol	3,957.91	--	0.15	586	1.72																																																																																																																																															
Feeder lambs	Head	193	82	49.26	7,796	--	Total cash costs	Dol	--	--	--	10,695	31.46																																																																																																																																															
Cull ewes	Head	51	135	10.50	723	--	Other costs:																																																																																																																																																					
Wool	Lbs	3,400	--	.89	3,026	--	Family labor 10/	Hrs	578.0	--	4.22	2,439	7.17																																																																																																																																															
Wool incentive payments 1/	Dol	3,026	--	1.00	3,026	--	Depreciation 11/	Dol	--	--	--	2,897	8.52																																																																																																																																															
Unshorn lamb payment 2/	Dol	239	--	2.74	655	--	Interest on investment other than land 12/	Dol	--	--	--	4,726	13.90																																																																																																																																															
Total sales	Dol	--	--	--	19,165	56.37	Interest on land 13/	Dol	--	--	--	8,057	23.70																																																																																																																																															
Cash costs:							Total other costs																																																																																																																																																					
Irrigated pasture	AUM	48.0	--	5.14	247	0.73	Total all costs	Dol	--	--	--	28,814	84.75																																																																																																																																															
Federal grazing fees	AM	546.0	--	1.86	1,016	2.99	Return above cash costs																																																																																																																																																					
Pasture rent/lease 3/	AUM	--	--	--	--	--	Return above cash costs and family labor	Dol	--	--	--	8,470	24.91																																																																																																																																															
Hay purchased	Ton	--	--	--	--	--	Return to total investment 14/	Dol	--	--	--	3,134	9.22																																																																																																																																															
Hay produced	Ton	39.0	--	40.71	1,588	4.67	Return to land 15/	Dol	--	--	--	-1,592	-4.68																																																																																																																																															
Grain	Bu	240.0	--	3.10	744	2.19	Management practices:																																																																																																																																																					
Protein supplement	Ton	--	--	--	--	--	Wool marketing 16/	lbs	--	--	--	3,400.0	--																																																																																																																																															
Salt and mineral	Cwt	119.0	--	4.85	577	1.70	Lamb marketing 17/	Head	--	--	--	276.0	--																																																																																																																																															
Vet. and medicine	Dol	--	--	--	367	1.08																																																																																																																																																						
Public grazing--state	AUM	--	--	--	--	--																																																																																																																																																						
							<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td>National Forest</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>52.0</td> <td>52.0</td> <td>52.0</td> <td>51.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management</td> <td>AM</td> <td>56.0</td> <td>57.0</td> <td>57.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>56.0</td> <td>57.0</td> <td>56.0</td> </tr> <tr> <td>Pasture rent/lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland</td> <td>AUM</td> <td>558.4</td> <td>558.4</td> <td>862.2</td> <td>194.9</td> <td>101.0</td> <td>27.0</td> <td>21.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Irrigated pasture</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>26.0</td> <td>22.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>17.0</td> <td>17.0</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>3.0</td> <td>3.0</td> <td>4.0</td> <td>26.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>3.0</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>48.0</td> <td>48.0</td> <td>48.0</td> <td>48.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>48.0</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Public grazing--state</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> </tbody> </table>								Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	National Forest	AM	--	--	--	--	52.0	52.0	52.0	51.0	--	--	--	Bureau of Land Management	AM	56.0	57.0	57.0	--	--	--	--	--	56.0	57.0	56.0	Pasture rent/lease	AUM	--	--	--	--	--	--	--	--	--	--	--	Deeded rangeland	AUM	558.4	558.4	862.2	194.9	101.0	27.0	21.0	--	--	--	--	Irrigated pasture	AUM	--	--	--	--	--	--	26.0	22.0	--	--	--	Crop residue	AUM	--	--	--	--	--	--	--	--	17.0	17.0	--	Hay	Ton	3.0	3.0	4.0	26.0	--	--	--	--	--	--	3.0	Grain	Bu	48.0	48.0	48.0	48.0	--	--	--	--	--	--	48.0	Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--	Public grazing--state	AUM	--	--	--	--	--	--	--	--	--	--	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																
National Forest	AM	--	--	--	--	52.0	52.0	52.0	51.0	--	--	--																																																																																																																																																
Bureau of Land Management	AM	56.0	57.0	57.0	--	--	--	--	--	56.0	57.0	56.0																																																																																																																																																
Pasture rent/lease	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																
Deeded rangeland	AUM	558.4	558.4	862.2	194.9	101.0	27.0	21.0	--	--	--	--																																																																																																																																																
Irrigated pasture	AUM	--	--	--	--	--	--	26.0	22.0	--	--	--																																																																																																																																																
Crop residue	AUM	--	--	--	--	--	--	--	--	17.0	17.0	--																																																																																																																																																
Hay	Ton	3.0	3.0	4.0	26.0	--	--	--	--	--	--	3.0																																																																																																																																																
Grain	Bu	48.0	48.0	48.0	48.0	--	--	--	--	--	--	48.0																																																																																																																																																
Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																
Public grazing--state	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																

Table 21--Sheep enterprises with 1,000 or more, Fishlake National Forest, Central Utah, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per ewe	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per ewe																																																																																																																																															
Production:							Cash costs--Continued																																																																																																																																																					
Ewes lambled	Head	2,235	--	--	--	--	Marketing 4/	Dol	--	--	--	492	0.22																																																																																																																																															
Annual ewe loss	Head	112	--	--	--	--	Trucking	Dol	--	--	--	4,247	1.90																																																																																																																																															
Ewes sold	Head	335	--	--	--	--	Shearing	Dol	--	--	--	--	--																																																																																																																																															
Lambs docked	Head	2,459	--	--	--	--	Ram death loss 5/	Dol	--	--	--	--	--																																																																																																																																															
Lambs lost from docking to marketing	Head	369	--	--	--	--	Miscellaneous 6/	Dol	--	--	--	--	--																																																																																																																																															
Lambs held as replacements	Head	447	--	--	--	--	Hired labor	Hrs	1,341.0	--	4.22	5,659	2.53																																																																																																																																															
Lambs sold:							Fuel and lubricants	Dol	--	--	--	3,538	1.58																																																																																																																																															
Slaughter lambs	Head	493	--	--	--	--	Repairs	Dol	--	--	--	1,230	0.55																																																																																																																																															
Feeder lambs	Head	1,149	--	--	--	--	Taxes 7/	Dol	--	--	--	1,250	0.56																																																																																																																																															
Rams	Head	56	--	--	--	--	Insurance	Dol	--	--	--	1,077	0.48																																																																																																																																															
Sales:							General farm overhead 8/																																																																																																																																																					
Slaughter lambs	Head	493	97	48.93	23,399	--	Interest on operating capital 9/	Dol	14,070.00	--	0.15	2,082	0.93																																																																																																																																															
Feeder lambs	Head	1,149	82	49.62	46,751	--	Total cash costs	Dol	--	--	--	44,503	19.91																																																																																																																																															
Cull ewes	Head	335	135	10.50	4,749	--	Other costs:																																																																																																																																																					
Wool	Lbs	22,350	--	.89	19,892	--	Family labor 10/	Hrs	3,353.0	--	4.22	14,150	6.33																																																																																																																																															
Wool incentive payments 1/	Dol	19,891	--	1.00	19,891	--	Depreciation 11/	Dol	--	--	--	13,145	5.88																																																																																																																																															
Unshorn lamb payment 2/	Dol	1,420	--	2.74	3,891	--	Interest on investment other than land 12/	Dol	--	--	--	26,666	11.93																																																																																																																																															
Total sales	Dol	--	--	--	118,573	53.05	Interest on land 13/	Dol	--	--	--	32,227	14.42																																																																																																																																															
Cash costs:							Total other costs																																																																																																																																																					
Irrigated pasture	AUM	625.0	--	5.14	3,213	1.44	Total all costs	Dol	--	--	--	130,691	58.47																																																																																																																																															
Federal grazing fees	AM	3,504.0	--	1.86	6,517	2.92	Return above cash costs																																																																																																																																																					
Pasture rent/lease 3/	AUM	249.0	--	9.29	2,313	1.03	Return above cash costs	Dol	--	--	--	74,070	33.14																																																																																																																																															
Hay purchased	Ton	--	--	--	--	--	Return above cash costs and family labor	Dol	--	--	--	59,920	26.81																																																																																																																																															
Hay produced	Ton	38.0	--	40.71	1,547	0.69	Return to total investment 14/	Dol	--	--	--	46,775	20.93																																																																																																																																															
Grain	Bu	915.0	--	3.10	2,837	1.27	Return to land 15/	Dol	--	--	--	20,109	9.00																																																																																																																																															
Protein supplement	Ton	4.0	--	199.00	796	0.36	Public grazing--state																																																																																																																																																					
Salt and mineral	Cwt	782.3	--	4.85	3,794	1.70																																																																																																																																																						
Vet. and medicine	Dol	--	--	--	1,363	0.61																																																																																																																																																						
Public grazing--state	AUM	--	--	--	--	--																																																																																																																																																						
							<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td>National Forest</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>242.0</td> <td>210.0</td> <td>241.0</td> <td>239.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management</td> <td>AM</td> <td>428.0</td> <td>--</td> <td>430.0</td> <td>430.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>428.0</td> <td>428.0</td> <td>428.0</td> </tr> <tr> <td>Pasture rent/lease</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>249.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Deeded rangeland</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>662.0</td> <td>312.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Irrigated pasture</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>323.0</td> <td>302.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>49.0</td> <td>47.0</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>7.0</td> <td>6.0</td> <td>9.0</td> <td>8.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>8.0</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>183.0</td> <td>183.0</td> <td>183.0</td> <td>183.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>183.0</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>1.0</td> <td>1.0</td> <td>1.0</td> <td>1.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Public grazing--state</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> </tbody> </table>								Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	National Forest	AM	--	--	--	--	242.0	210.0	241.0	239.0	--	--	--	Bureau of Land Management	AM	428.0	--	430.0	430.0	--	--	--	--	428.0	428.0	428.0	Pasture rent/lease	AUM	--	--	--	--	--	--	--	249.0	--	--	--	Deeded rangeland	AUM	--	--	--	--	662.0	312.0	--	--	--	--	--	Irrigated pasture	AUM	--	--	--	--	--	--	323.0	302.0	--	--	--	Crop residue	AUM	--	--	--	--	--	--	--	--	49.0	47.0	--	Hay	Ton	7.0	6.0	9.0	8.0	--	--	--	--	--	--	8.0	Grain	Bu	183.0	183.0	183.0	183.0	--	--	--	--	--	--	183.0	Protein supplement	Ton	1.0	1.0	1.0	1.0	--	--	--	--	--	--	--	Public grazing--state	AUM	--	--	--	--	--	--	--	--	--	--	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																
National Forest	AM	--	--	--	--	242.0	210.0	241.0	239.0	--	--	--																																																																																																																																																
Bureau of Land Management	AM	428.0	--	430.0	430.0	--	--	--	--	428.0	428.0	428.0																																																																																																																																																
Pasture rent/lease	AUM	--	--	--	--	--	--	--	249.0	--	--	--																																																																																																																																																
Deeded rangeland	AUM	--	--	--	--	662.0	312.0	--	--	--	--	--																																																																																																																																																
Irrigated pasture	AUM	--	--	--	--	--	--	323.0	302.0	--	--	--																																																																																																																																																
Crop residue	AUM	--	--	--	--	--	--	--	--	49.0	47.0	--																																																																																																																																																
Hay	Ton	7.0	6.0	9.0	8.0	--	--	--	--	--	--	8.0																																																																																																																																																
Grain	Bu	183.0	183.0	183.0	183.0	--	--	--	--	--	--	183.0																																																																																																																																																
Protein supplement	Ton	1.0	1.0	1.0	1.0	--	--	--	--	--	--	--																																																																																																																																																
Public grazing--state	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																
Management practices:																																																																																																																																																												
Wool marketing 16/	lbs	--	--	--	22,350.0	--	--	--	--	--	--	--	--																																																																																																																																															
Lamb marketing 17/	Head	--	--	--	--	--	--	--	1,642.0	--	--	--	--																																																																																																																																															

Table 23--Sheep enterprises with 2,000 or more ewes, Humboldt National Forest, Northeastern, East-Central Nevada, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per ewe	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per ewe																																																																																																																																																																																																			
Production:							Cash costs--Continued																																																																																																																																																																																																									
Ewes lambed	Head	5,360	--	--	--	--	Marketing ^{4/}	Dol	--	--	--	1,179	0.22																																																																																																																																																																																																			
Annual ewe loss	Head	536	--	--	--	--	Trucking	Dol	--	--	--	10,184	1.90																																																																																																																																																																																																			
Ewes sold	Head	536	--	--	--	--	Shearing	Dol	--	--	--	8,844	1.65																																																																																																																																																																																																			
Lambs docked	Head	5,896	--	--	--	--	Ram death loss ^{5/}	Dol	--	--	--	1,554	0.29																																																																																																																																																																																																			
Lambs lost from docking to marketing	Head	884	--	--	--	--	Miscellaneous ^{6/}	Dol	--	--	--	6,754	1.26																																																																																																																																																																																																			
Lambs held as replacements	Head	1,072	--	--	--	--	Hired labor	Hrs	3,216.0	--	4.22	13,572	2.53																																																																																																																																																																																																			
Lambs sold:							Fuel and lubricants	Dol	--	--	--	4,321	0.81																																																																																																																																																																																																			
Slaughter lambs	Head	1,182	--	--	--	--	Repairs	Dol	--	--	--	4,781	0.89																																																																																																																																																																																																			
Feeder lambs	Head	2,758	--	--	--	--	Taxes ^{7/}	Dol	--	--	--	3,450	0.64																																																																																																																																																																																																			
Rams	Head	134	--	--	--	--	Insurance	Dol	--	--	--	2,445	0.46																																																																																																																																																																																																			
Sales:							General farm overhead ^{8/}																																																																																																																																																																																																									
Slaughter lambs	Head	1,182	100	48.93	57,835	--	Interest on operating capital ^{9/}	Dol	31,938.9	--	0.15	4,727	0.88																																																																																																																																																																																																			
Feeder lambs	Head	2,758	80	49.26	108,687	--	Total cash costs	Dol	--	--	--	97,539	18.20																																																																																																																																																																																																			
Cull ewes	Head	536	100	10.50	5,628	--	Other costs:																																																																																																																																																																																																									
Wool	Lbs	53,600	--	.89	47,704	--	Family labor ^{10/}	Hrs	8,041.0	--	4.22	33,933	6.33																																																																																																																																																																																																			
Wool incentive payments ^{1/}	Dol	47,704	--	1.00	47,704	--	Depreciation ^{11/}	Dol	--	--	--	24,965	4.66																																																																																																																																																																																																			
Unshorn lamb payment ^{2/}	Dol	3,388	--	2.74	9,283	--	Interest on investment other than land ^{12/}	Dol	--	--	--	58,786	10.97																																																																																																																																																																																																			
Total sales	Dol	--	--	--	276,841	51.65	Interest on land ^{13/}	Dol	--	--	--	94,450	17.62																																																																																																																																																																																																			
Cash costs:							Total other costs																																																																																																																																																																																																									
Irrigated pasture	AUM	1,210.0	--	5.41	6,546	1.22	Total all costs	Dol	--	--	--	309,673	57.77																																																																																																																																																																																																			
Federal grazing fees	AM	7,260.0	--	1.86	13,504	2.52	Return above cash costs	Dol	--	--	--	179,302	33.45																																																																																																																																																																																																			
Pasture rent/lease ^{3/}	AUM	--	--	--	--	--	Return above cash costs and family labor	Dol	--	--	--	145,369	27.12																																																																																																																																																																																																			
Hay purchased	Ton	24.0	--	74.67	1,792	0.33	Return to total investment ^{14/}	Dol	--	--	--	120,404	22.46																																																																																																																																																																																																			
Hay produced	Ton	--	--	--	--	--	Return to land ^{15/}	Dol	--	--	--	61,618	11.50																																																																																																																																																																																																			
Grain	Bu	1,280.0	--	3.10	3,968	0.74																																																																																																																																																																																																										
Protein supplement	Ton	2.4	--	165.00	396	0.07																																																																																																																																																																																																										
Salt and mineral	Cwt	26.8	--	5.30	142	0.03																																																																																																																																																																																																										
Vet. and medicine	Dol	--	--	--	3,270	0.61																																																																																																																																																																																																										
Public grazing--state	AUM	--	--	--	--	--																																																																																																																																																																																																										
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td>Feed source:</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>National Forest</td> <td></td><td></td><td></td><td></td><td></td><td>239.0</td><td>239.0</td><td>239.0</td><td>237.0</td><td></td><td></td><td></td> </tr> <tr> <td>Bureau of Land Management</td> <td></td><td>796.0</td><td>799.0</td><td></td><td></td><td></td><td>817.0</td><td>894.0</td><td>894.0</td><td>702.0</td><td>702.0</td><td>702.0</td> </tr> <tr> <td>Pasture rent/lease</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>Deeded rangeland</td> <td></td><td>316.0</td><td>311.0</td><td>1,421.0</td><td>1,479.0</td><td>1,588.0</td><td></td><td></td><td></td><td></td><td></td><td>421.0</td> </tr> <tr> <td>Irrigated pasture</td> <td></td><td></td><td></td><td></td><td></td><td></td><td>1,210.0</td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>Crop residue</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>481.0</td><td>459.0</td><td></td> </tr> <tr> <td>Hay</td> <td></td><td>6.0</td><td>6.0</td><td>6.0</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>6.0</td> </tr> <tr> <td>Grain</td> <td></td><td>320.0</td><td>320.0</td><td>320.0</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>320.0</td> </tr> <tr> <td>Protein supplement</td> <td></td><td>0.6</td><td>0.6</td><td>0.6</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>0.6</td> </tr> <tr> <td>Public grazing--state</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>Management practices:</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>Wool marketing ^{16/}</td> <td></td><td></td><td></td><td>53,600.0</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>Lamb marketing ^{17/}</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>3,940.0</td><td></td><td></td><td></td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:													National Forest						239.0	239.0	239.0	237.0				Bureau of Land Management		796.0	799.0				817.0	894.0	894.0	702.0	702.0	702.0	Pasture rent/lease													Deeded rangeland		316.0	311.0	1,421.0	1,479.0	1,588.0						421.0	Irrigated pasture							1,210.0						Crop residue										481.0	459.0		Hay		6.0	6.0	6.0								6.0	Grain		320.0	320.0	320.0								320.0	Protein supplement		0.6	0.6	0.6								0.6	Public grazing--state													Management practices:													Wool marketing ^{16/}				53,600.0									Lamb marketing ^{17/}									3,940.0			
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																				
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Bureau of Land Management		796.0	799.0				817.0	894.0	894.0	702.0	702.0	702.0																																																																																																																																																																																																				
Pasture rent/lease																																																																																																																																																																																																																
Deeded rangeland		316.0	311.0	1,421.0	1,479.0	1,588.0						421.0																																																																																																																																																																																																				
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Table 24--Sheep enterprises with up to 999 ewes, Manti-Lasal National Forest, Southeastern Utah, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per ewe	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per ewe					
Production:							Cash costs--Continued											
Ewes lambed	Head	311	--	--	--	--	Marketing 4/	Dol	--	--	--	42	0.14					
Annual ewe loss	Head	22	--	--	--	--	Trucking	Dol	--	--	--	1,045	3.36					
Ewes sold	Head	37	--	--	--	--	Shearing	Dol	--	--	--	712	2.29					
Lambs docked	Head	395	--	--	--	--	Ram death loss 5/	Dol	--	--	--	184	0.59					
Lambs lost from docking to marketing	Head	32	--	--	--	--	Miscellaneous 6/	Dol	--	--	--	795	2.56					
Lambs held as replacements	Head	59	--	--	--	--	Hired labor	Hrs	332.0	--	4.22	1,401	4.50					
Lambs sold:							Fuel and lubricants	Dol	--	--	--	654	2.10					
Slaughter lambs	Head	188	--	--	--	--	Repairs	Dol	--	--	--	791	2.54					
Feeder lambs	Head	116	--	--	--	--	Taxes 7/	Dol	--	--	--	701	2.25					
Rams	Head	10	--	--	--	--	Insurance	Dol	--	--	--	156	0.50					
Sales:							General farm overhead 8/											
Slaughter lambs	Head	188	93	48.93	8,555	--	Interest on operating capital 9/	Dol	3,780.2	--	.15	559	1.80					
Feeder lambs	Head	116	82	49.26	4,686	--	Total cash costs	Dol	--	--	--	9,687	31.15					
Cull ewes	Head	37	145	10.50	563	--	Other costs:											
Wool	Lbs	3,919	--	.89	3,488	--	Family labor 10/	Hrs	332.0	--	4.22	1,401	4.50					
Wool incentive payments 1/	Dol	3,488	--	1.00	3,488	--	Depreciation 11/	Dol	--	--	--	3,694	11.88					
Unshorn lamb payment 2/	Dol	270	--	2.74	740	--	Interest on investment other than land 12/	Dol	--	--	--	5,250	16.88					
Total sales	Dol	--	--	--	21,520	69.20	Interest on land 13/	Dol	--	--	--	24,136	77.61					
Cash costs:							Total other costs											
Irrigated pasture	AUM	--	--	--	--	--	Total all costs	Dol	--	--	--	44,168	142.02					
Federal grazing fees	AM	359.0	--	1.86	668	2.15	Return above cash costs											
Pasture rent/lease 3/	AUM	68.2	--	9.29	634	2.04	Return above cash costs	Dol	--	--	--	11,833	38.05					
Hay purchased	Ton	2.4	--	62.00	149	0.48	Return above cash costs and family labor	Dol	--	--	--	10,432	33.54					
Hay produced	Ton	9.7	--	40.71	395	1.27	Return to total investment 14/	Dol	--	--	--	6,738	21.67					
Grain	Bu	--	--	--	--	--	Return to land 15/	Dol	--	--	--	1,488	4.78					
Protein supplement	Ton	--	--	--	--	--	Monthly breakdown:											
Salt and mineral	Cwt	21.8	--	4.85	106	0.34	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Vet. and medicine	Dol	--	--	--	150	0.48												
Public grazing--state	AUM	29.2	--	1.69	49	0.16												
Feed source:																		
National Forest	AM	--	--	--	--	--						57.0	57.0	79.0	--	--	--	--
Bureau of Land Management	AM	28.0	27.0	27.0	27.0	--											29.0	28.0
Pasture rent/lease	AUM	5.3	5.2	6.1	6.0	6.5	6.2	6.5	6.1	4.9	5.3	4.8	5.3				4.8	5.3
Deeded rangeland	AUM	36.2	18.0	21.2	42.1	83.7	80.1	3.8	3.8	7.3	67.5	31.9	36.2					
Irrigated pasture	AUM	--	--	--	--	--	--	--	--	--	--	--	--					
Crop residue	AUM	--	--	--	--	--	--	--	--	--	--	--	--					
Hay	Ton	--	5.5	6.6	--	--	--	--	--	--	--	--	--					
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--					
Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--	--					
Public grazing--state	AUM	2.3	2.2	2.6	2.6	2.8	2.7	2.8	2.6	2.1	2.1	2.1	2.3					
Management practices:																		
Wool marketing 16/	lbs	--	--	--	3,919.0	--	--	--	--	--	--	--	--					
Lamb marketing 17/	Head	--	--	--	--	--	--	--	--	304.0	--	--	--					

Table 25--Sheep enterprises with 1,000 or more ewes, Manti-Laasal National Forest, Southeastern Utah, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per ewe	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per ewe																																																																																																																																																																																																			
Production:							Cash costs--Continued																																																																																																																																																																																																									
Ewes lambed	Head	2,379	--	--	--	--	Marketing <u>4/</u>	Dol	--	--	--	319	0.13																																																																																																																																																																																																			
Annual ewe loss	Head	143	--	--	--	--	Trucking	Dol	--	--	--	7,994	3.36																																																																																																																																																																																																			
Ewes sold	Head	309	--	--	--	--	Shearing	Dol	--	--	--	5,447	2.29																																																																																																																																																																																																			
Lambs docked	Head	3,188	--	--	--	--	Ram death loss <u>5/</u>	Dol	--	--	--	1,403	0.59																																																																																																																																																																																																			
Lambs lost from docking to marketing	Head	255	--	--	--	--	Miscellaneous <u>6/</u>	Dol	--	--	--	6,086	2.56																																																																																																																																																																																																			
Lambs held as replacements	Head	452	--	--	--	--	Hired labor	Hrs	5,148.0	--	4.22	21,725	9.13																																																																																																																																																																																																			
Lambs sold:							Fuel and lubricants	Dol	--	--	--	5,001	2.10																																																																																																																																																																																																			
Slaughter lambs	Head	1,718	--	--	--	--	Repairs	Dol	--	--	--	5,175	2.18																																																																																																																																																																																																			
Feeder lambs	Head	763	--	--	--	--	Taxes <u>7/</u>	Dol	--	--	--	5,095	2.14																																																																																																																																																																																																			
Rams	Head	92	--	--	--	--	Insurance	Dol	--	--	--	1,232	0.52																																																																																																																																																																																																			
Sales:							General farm overhead <u>8/</u>																																																																																																																																																																																																									
Slaughter lambs	Head	1,718	93	48.93	78,177	--	Interest on operating capital <u>9/</u>	Dol	41,630.0	--	0.15	6,161	2.59																																																																																																																																																																																																			
Feeder lambs	Head	763	82	49.26	30,820	--	Total cash costs	Dol	--	--	--	85,827	36.08																																																																																																																																																																																																			
Cull ewes	Head	309	145	10.50	4,705	--	Other costs:																																																																																																																																																																																																									
Wool	Lbs	29,500	--	.89	26,255	--	Family labor <u>10/</u>	Hrs	3,909.00	--	4.22	16,496	6.93																																																																																																																																																																																																			
Wool incentive payments <u>1/</u>	Dol	26,255	--	1.00	26,255	--	Depreciation <u>11/</u>	Dol	--	--	--	23,459	9.86																																																																																																																																																																																																			
Unshorn lamb payment <u>2/</u>	Dol	2,224	--	2.74	6,094	--	Interest on investment other than land <u>12/</u>	Dol	--	--	--	36,037	15.15																																																																																																																																																																																																			
Total sales	Dol	--	--	--	172,306	72.43	Interest on land <u>13/</u>	Dol	--	--	--	187,492	78.81																																																																																																																																																																																																			
Cash costs:							Total other costs																																																																																																																																																																																																									
Irrigated pasture	AUM	--	--	--	--	--	Total all costs	Dol	--	--	--	349,311	146.83																																																																																																																																																																																																			
Federal grazing fees	AM	3,157.4	--	1.86	5,873	2.47	Return above cash costs																																																																																																																																																																																																									
Pasture rent/lease <u>3/</u>	AUM	437.0	--	9.29	4,060	1.71	Return above cash costs and family labor																																																																																																																																																																																																									
Hay purchased	Ton	58.1	--	62.00	3,602	1.51	Return to total investment <u>14/</u>																																																																																																																																																																																																									
Hay produced	Ton	14.5	--	40.71	590	0.25	Return to land <u>15/</u>																																																																																																																																																																																																									
Grain	Bu	--	--	--	--	--	Return to state																																																																																																																																																																																																									
Protein supplement	Ton	--	--	--	--	--	Return to federal																																																																																																																																																																																																									
Salt and mineral	Cwt	166.5	--	4.85	808	.34	Return to national forest																																																																																																																																																																																																									
Vet. and medicine	Dol	--	--	--	1,148	0.48	Return to county																																																																																																																																																																																																									
Public grazing--state	AUM	187.3	--	1.69	317	0.13	Return to local																																																																																																																																																																																																									
							<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td>Feed source:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>National Forest</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>17.6</td> <td>61.7</td> <td>60.2</td> <td>49.3</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Bureau of Land Management</td> <td>AM</td> <td>465.6</td> <td>459.3</td> <td>530.0</td> <td>391.7</td> <td>40.7</td> <td>43.5</td> <td>38.9</td> <td>27.6</td> <td>22.5</td> <td>91.8</td> <td>405.9</td> </tr> <tr> <td>Pasture rent/lease</td> <td>AUM</td> <td>39.9</td> <td>--</td> <td>--</td> <td>46.5</td> <td>49.9</td> <td>48.2</td> <td>49.9</td> <td>46.6</td> <td>38.2</td> <td>39.9</td> <td>38.0</td> </tr> <tr> <td>Deeded rangeland</td> <td>AUM</td> <td>47.4</td> <td>--</td> <td>--</td> <td>205.9</td> <td>601.0</td> <td>558.1</td> <td>541.1</td> <td>510.8</td> <td>418.7</td> <td>421.2</td> <td>84.6</td> </tr> <tr> <td>Irrigated pasture</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>--</td> <td>32.3</td> <td>40.3</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Public grazing--state</td> <td>AUM</td> <td>17.1</td> <td>--</td> <td>--</td> <td>19.9</td> <td>21.4</td> <td>20.6</td> <td>21.4</td> <td>20.0</td> <td>16.3</td> <td>17.1</td> <td>16.4</td> </tr> <tr> <td>Management practices:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Wool marketing <u>16/</u></td> <td>lbs</td> <td>--</td> <td>--</td> <td>--</td> <td>29,500.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Lamb marketing <u>17/</u></td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>2,481.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> </tbody> </table>								Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:													National Forest	AM	--	--	--	--	17.6	61.7	60.2	49.3	--	--	--	Bureau of Land Management	AM	465.6	459.3	530.0	391.7	40.7	43.5	38.9	27.6	22.5	91.8	405.9	Pasture rent/lease	AUM	39.9	--	--	46.5	49.9	48.2	49.9	46.6	38.2	39.9	38.0	Deeded rangeland	AUM	47.4	--	--	205.9	601.0	558.1	541.1	510.8	418.7	421.2	84.6	Irrigated pasture	AUM	--	--	--	--	--	--	--	--	--	--	--	Crop residue	AUM	--	--	--	--	--	--	--	--	--	--	--	Hay	Ton	--	32.3	40.3	--	--	--	--	--	--	--	--	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--	Public grazing--state	AUM	17.1	--	--	19.9	21.4	20.6	21.4	20.0	16.3	17.1	16.4	Management practices:													Wool marketing <u>16/</u>	lbs	--	--	--	29,500.0	--	--	--	--	--	--	--	Lamb marketing <u>17/</u>	Head	--	--	--	--	--	--	--	2,481.0	--	--	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																																				
Feed source:																																																																																																																																																																																																																
National Forest	AM	--	--	--	--	17.6	61.7	60.2	49.3	--	--	--																																																																																																																																																																																																				
Bureau of Land Management	AM	465.6	459.3	530.0	391.7	40.7	43.5	38.9	27.6	22.5	91.8	405.9																																																																																																																																																																																																				
Pasture rent/lease	AUM	39.9	--	--	46.5	49.9	48.2	49.9	46.6	38.2	39.9	38.0																																																																																																																																																																																																				
Deeded rangeland	AUM	47.4	--	--	205.9	601.0	558.1	541.1	510.8	418.7	421.2	84.6																																																																																																																																																																																																				
Irrigated pasture	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																				
Crop residue	AUM	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																				
Hay	Ton	--	32.3	40.3	--	--	--	--	--	--	--	--																																																																																																																																																																																																				
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																				
Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																																				
Public grazing--state	AUM	17.1	--	--	19.9	21.4	20.6	21.4	20.0	16.3	17.1	16.4																																																																																																																																																																																																				
Management practices:																																																																																																																																																																																																																
Wool marketing <u>16/</u>	lbs	--	--	--	29,500.0	--	--	--	--	--	--	--																																																																																																																																																																																																				
Lamb marketing <u>17/</u>	Head	--	--	--	--	--	--	--	2,481.0	--	--	--																																																																																																																																																																																																				

Table 27--Sheep enterprises of all sizes, Sawtooth National Forest, North-Central Idaho, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per ewe	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per ewe																																																																																																																																																																																																			
Production:							Cash costs--Continued																																																																																																																																																																																																									
Ewes lambed	Head	3,643	--	--	--	--	Marketing 4/	Dol	--	--	--	1,024	0.28																																																																																																																																																																																																			
Annual ewe loss	Head	219	--	--	--	--	Trucking	Dol	--	--	--	6,121	1.68																																																																																																																																																																																																			
Ewes sold	Head	473	--	--	--	--	Shearing	Dol	--	--	--	7,332	2.01																																																																																																																																																																																																			
Lambs docked	Head	5,610	--	--	--	--	Ram death loss 5/	Dol	--	--	--	1,785	0.49																																																																																																																																																																																																			
Lambs lost from docking to marketing	Head	449	--	--	--	--	Miscellaneous 6/	Dol	--	--	--	9,854	2.70																																																																																																																																																																																																			
Lambs held as replacements	Head	692	--	--	--	--	Hired labor	Hrs	8,925.0	--	4.17	37,217	10.22																																																																																																																																																																																																			
Lambs sold:							Fuel and lubricants	Dol	--	--	--	5,058	1.39																																																																																																																																																																																																			
Slaughter lambs	Head	2,556	--	--	--	--	Repairs	Dol	--	--	--	7,576	2.08																																																																																																																																																																																																			
Feeder lambs	Head	1,908	--	--	--	--	Taxes 7/	Dol	--	--	--	2,455	0.67																																																																																																																																																																																																			
Rams	Head	140	--	--	--	--	Insurance	Dol	--	--	--	1,753	0.48																																																																																																																																																																																																			
Sales:							General farm overhead 8/																																																																																																																																																																																																									
Slaughter lambs	Head	2,556	103	46.92	123,525	--	Interest on operating capital 9/	Dol	39,903.5	--	0.15	5,906	1.62																																																																																																																																																																																																			
Feeder lambs	Head	1,908	90	47.40	81,395	--	Total cash costs	Dol	--	--	--	102,937	28.26																																																																																																																																																																																																			
Cull ewes	Head	473	140	10.75	7,119	--	Other costs:																																																																																																																																																																																																									
Wool	Lbs	42,259	--	.89	37,611	--	Family labor 10/	Hrs	4,007.0	--	4.17	16,709	4.59																																																																																																																																																																																																			
Wool incentive payments 1/	Dol	37,611	--	1.00	37,611	--	Depreciation 11/	Dol	--	--	--	21,581	5.92																																																																																																																																																																																																			
Unshorn lamb payment 2/	Dol	4,350	--	2.74	11,919	--	Interest on investment other than land 12/	Dol	--	--	--	45,354	12.45																																																																																																																																																																																																			
Total sales	Dol	--	--	--	299,180	82.12	Interest on land 13/	Dol	--	--	--	70,692	19.40																																																																																																																																																																																																			
Cash costs:							Total other costs																																																																																																																																																																																																									
Irrigated pasture	AUM	239.9	--	4.51	1,082	0.30	Total all costs	Dol	--	--	--	257,273	70.62																																																																																																																																																																																																			
Federal grazing fees	AM	5,022.0	--	1.86	9,341	2.56	Return above cash costs	Dol	--	--	--	196,243	53.87																																																																																																																																																																																																			
Pasture rent/lease 3/	AUM	--	--	--	--	--	Return above cash costs and family labor	Dol	--	--	--	179,534	49.28																																																																																																																																																																																																			
Hay purchased	Ton	13.0	--	53.71	698	0.19	Return to total investment 14/	Dol	--	--	--	157,953	43.36																																																																																																																																																																																																			
Hay produced	Ton	3.2	--	32.78	105	0.03	Return to land 15/	Dol	--	--	--	112,599	30.91																																																																																																																																																																																																			
Grain	Bu	34.6	--	2.51	87	0.02																																																																																																																																																																																																										
Protein supplement	Ton	--	--	--	--	--																																																																																																																																																																																																										
Salt and mineral	Cwt	255.0	--	4.33	1,104	0.30																																																																																																																																																																																																										
Vet. and medicine	Dol	--	--	--	585	0.16																																																																																																																																																																																																										
Public grazing--state	AUM	--	--	--	--	--																																																																																																																																																																																																										
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Table 29--Sheep enterprises of all sizes, Wasatch, Cache National Forests, North-Central Utah, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per ewe	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per ewe					
Production:							Cash costs--Continued											
Ewes lambed	Head	3,146	--	--	--	--	Marketing <u>4/</u>	Dol	--	--	--	1,012	0.32					
Annual ewe loss	Head	157	--	--	--	--	Trucking	Dol	--	--	--	3,829	1.22					
Ewes sold	Head	504	--	--	--	--	Shearing	Dol	--	--	--	7,166	2.28					
Lambs docked	Head	3,461	--	--	--	--	Ram death loss <u>5/</u>	Dol	--	--	--	1,825	0.58					
Lambs lost from docking to marketing	Head	277	--	--	--	--	Miscellaneous <u>6/</u>	Dol	--	--	--	4,027	1.28					
Lambs held as replacements	Head	661	--	--	--	--	Hired labor	Hrs	5,033.0	--	4.22	21,239	6.75					
Lambs sold:							Fuel and lubricants	Dol	--	--	--	3,850	1.22					
Slaughter lambs	Head	1,867	--	--	--	--	Repairs	Dol	--	--	--	3,503	1.11					
Feeder lambs	Head	656	--	--	--	--	Taxes <u>7/</u>	Dol	--	--	--	3,675	1.17					
Rams	Head	79	--	--	--	--	Insurance	Dol	--	--	--	1,462	0.46					
Sales:							General farm overhead <u>8/</u>											
Slaughter lambs	Head	1,867	102	48.93	93,179	--	Interest on operating capital <u>9/</u>	Dol	27,093.7	--	0.15	4,010	1.27					
Feeder lambs	Head	656	84	49.26	27,144	--	Total cash costs	Dol	--	--	--	88,216	28.04					
Cull ewes	Head	504	135	10.50	7,144	--	Other costs:											
Wool	Lbs	34,984	--	.89	31,136	--	Family labor <u>10/</u>	Hrs	3,250.0	--	4.22	13,715	4.36					
Wool incentive payments <u>1/</u>	Dol	31,136	--	1.00	31,136	--	Depreciation <u>11/</u>	Dol	--	--	--	17,117	5.44					
Unshorn lamb payment <u>2/</u>	Dol	2,455	--	2.74	6,727	--	Interest on investment other than land <u>12/</u>	Dol	--	--	--	36,298	11.54					
Total sales	Dol	--	--	--	196,466	62.45	Interest on land <u>13/</u>	Dol	--	--	--	138,389	43.99					
Cash costs:							Total other costs											
Irrigated pasture	AUM	80.0	--	5.14	411	0.13	Total all costs	Dol	--	--	--	293,735	93.37					
Federal grazing fees	AM	4,048.0	--	1.86	7,529	2.39	Return above cash costs											
Pasture rent/lease <u>3/</u>	AUM	438.0	--	9.29	4,069	1.29	Return above cash costs and family labor	Dol	--	--	--	94,535	30.05					
Hay purchased	Ton	52.8	--	62.00	3,274	1.04	Return to total investment <u>14/</u>	Dol	--	--	--	77,418	24.61					
Hay produced	Ton	52.8	--	40.71	2,149	0.68	Return to land <u>15/</u>	Dol	--	--	--	41,120	13.07					
Grain	Bu	--	--	--	--	--	Monthly breakdown:											
Protein supplement	Ton	33.9	--	199.00	6,746	2.14	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Salt and mineral	Cwt	--	--	--	3,681	1.17												
Vet. and medicine	Dol	--	--	--	1,432	0.46												
Feed source:																		
National Forest	AM	--	--	--	--	--						186.0	223.0	110.0	--	--	--	--
Bureau of Land Management	AM	557.0	556.0	534.0	462.0	159.0						138.0	38.0	33.0	38.0	124.0	391.0	499.0
Pasture rent/lease	AUM	--	--	--	10.0	60.0						68.0	58.0	49.0	52.0	60.0	27.0	54.0
Deeded rangeland	AUM	--	--	--	90.0	540.0						615.4	521.9	446.0	472.0	536.8	242.1	99.9
Irrigated pasture	AUM	--	--	--	--	--						20.0	20.0	20.0	20.0	--	--	--
Crop residue	AUM	--	--	--	--	--						--	--	--	--	--	--	--
Hay	Ton	25.4	26.0	21.6	21.4	11.2						--	--	--	--	--	--	--
Grain	Bu	--	--	--	--	--						--	--	--	--	--	--	--
Protein supplement	Ton	--	--	11.3	11.3	11.3						--	--	--	--	--	--	--
Management practices:																		
Wool marketing <u>16/</u>	lbs	--	--	--	--	34,984.0						--	--	--	--	--	--	--
Lamb marketing <u>17/</u>	Head	--	--	--	--	--						--	--	2,523.0	--	--	--	--

Table 30--Sheep enterprises of all sizes, Angeles National Forest, Southern California, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per ewe	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per ewe
Production:							Cash costs--Continued						
Ewes lambed	Head	15,000	--	--	--	--	Marketing 4/	Dol	--	--	--	3,717	0.25
Annual ewe loss	Head	900	--	--	--	--	Trucking	Dol	--	--	--	70,200	4.68
Ewes sold	Head	2,100	--	--	--	--	Shearing	Dol	--	--	--	36,639	2.44
Lambs docked	Head	12,750	--	--	--	--	Ram death loss 5/	Dol	--	--	--	10,620	0.71
Lambs lost from docking to marketing	Head	1,275	--	--	--	--	Miscellaneous 6/	Dol	--	--	--	6,195	0.41
Lambs held as replacements	Head	3,000	--	--	--	--	Hired labor	Hrs	36,000.0	--	4.66	167,760	11.18
Lambs sold:							Fuel and lubricants	Dol	--	--	--	14,191	0.95
Slaughter lambs	Head	--	--	--	--	--	Repairs	Dol	--	--	--	10,290	0.69
Feeder lambs	Head	8,475	--	--	--	--	Taxes 7/	Dol	--	--	--	17,951	1.20
Rams	Head	300	--	--	--	--	Insurance	Dol	--	--	--	5,507	0.37
Sales:							General farm overhead 8/						
Slaughter lambs	Head	--	--	--	--	--	Interest on operating capital 9/	Dol	318,612.64	--	0.15	47,154	3.14
Feeder lambs	Head	8,475	85	57.50	414,216	--	Total cash costs	Dol	--	--	--	570,773	38.05
Cull ewes	Head	2,100	130	12.00	32,760	--	Other costs:						
Wool	Lbs	135,000	--	.80	108,000	--	Family labor 10/	Hrs	5,700.0	--	4.66	26,562	1.77
Wool incentive payments 1/	Dol	108,000	--	1.00	108,000	--	Depreciation 11/	Dol	--	--	--	47,064	3.14
Unshorn lamb payment 2/	Dol	7,204	--	2.74	19,739	--	Interest on investment other than land 12/	Dol	--	--	--	122,255	8.15
Total sales	Dol	--	--	--	682,715	45.51	Interest on land 13/	Dol	--	--	--	389,040	25.94
Cash costs:							Total other costs						
Irrigated pasture	AUM	--	--	--	--	--	Total all costs	Dol	--	--	--	-1,155,694	77.05
Federal grazing fees	AM	3,880.0	--	1.86	7,217	0.48	Return above cash costs	Dol	--	--	--	111,942	7.46
Pasture rent/lease 3/	AUM	14,167.0	--	9.23	130,761	8.72	Return above cash costs and family labor	Dol	--	--	--	85,380	5.69
Hay purchased	Ton	--	--	--	--	--	Return to total investment 14/	Dol	--	--	--	38,316	2.55
Hay produced	Ton	400.0	--	21.70	8,680	0.58	Return to land 15/	Dol	--	--	--	-83,939	-5.60
Grain	Bu	--	--	--	--	--							
Protein supplement	Ton	--	--	--	--	--							
Salt and mineral	Cwt	1,050.0	--	6.69	7,025	0.47							
Vet. and medicine	Dol	--	--	--	5,310	0.35							
Public grazing--state	AUM	3,201.0	--	2.20	7,042	0.47							
							: : : : : : : : : : : : : : : :						
							: Jan. : Feb. : Mar. : Apr. : May : June : July : Aug. : Sept. : Oct. : Nov. : Dec. :						
							: : : : : : : : : : : : : : : :						
Feed source:													
National Forest	AM	72.0	272.0	500.0	500.0	428.0	380.0	228.0	--	--	--	--	--
Bureau of Land Management	AM	--	--	--	--	500.0	500.0	500.0	--	--	--	--	--
Pasture rent/lease	AUM	1,057.0	1,055.0	1,237.0	1,237.0	1,327.0	1,282.0	1,327.0	1,507.0	1,012.0	1,057.0	1,012.0	1,057.0
Deeded rangeland	AUM	1,887.0	1,660.0	1,639.0	1,582.0	1,096.0	1,124.0	1,391.0	3,267.0	1,524.0	117.0	908.0	1,923.0
Irrigated pasture	AUM	--	--	--	--	--	--	--	--	--	--	--	--
Crop residue	AUM	321.0	307.0	355.0	409.0	--	--	--	--	--	1,508.0	1,283.0	369.0
Hay	Ton	--	--	--	--	--	--	--	--	200.0	200.0	--	--
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--
Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--	--
Public grazing--state	AUM	176.0	176.0	206.0	206.0	501.0	494.0	501.0	251.0	169.0	176.0	169.0	176.0
Management practices:													
Wool marketing 16/	lbs	--	--	--	--	--	135,000.0	--	--	--	--	--	--
Lamb marketing 17/	Head	--	--	--	--	8,475.0	--	--	--	--	--	--	--

Table 33--Sheep enterprises of all sizes, Tahoe National Forest, East-Central California, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value		Item	Unit	Number	Average weight (pounds)	Price	Total Value	
					Value	per ewe						Value	per ewe
Production:													
Ewes lambed	Head	3,356	--	--	--	--	Cash costs--Continued						
Annual ewe loss	Head	201	--	--	--	--	Marketing 4/	Dol	--	--	--	765	0.23
Ewes sold	Head	470	--	--	--	--	Trucking	Dol	--	--	--	7,848	2.34
Lambs docked	Head	4,363	--	--	--	--	Shearing	Dol	--	--	--	6,755	2.01
Lambs lost from docking to marketing	Head	436	--	--	--	--	Ram death loss 5/	Dol	--	--	--	1,745	0.52
Lambs held as replacements	Head	671	--	--	--	--	Miscellaneous 6/	Dol	--	--	--	10,067	3.00
Lambs sold:							Hired labor	Hrs	9,491.0	--	4.66	44,228	13.18
Slaughter lambs	Head	2,274	--	--	--	--	Fuel and lubricants	Dol	--	--	--	4,938	1.47
Feeder lambs	Head	982	--	--	--	--	Repairs	Dol	--	--	--	6,786	2.02
Rams	Head	67	--	--	--	--	Taxes 7/	Dol	--	--	--	3,238	0.96
Sales:							Insurance	Dol	--	--	--	1,560	0.46
Slaughter lambs	Head	2,274	107	50.71	123,387	--	General farm overhead 8/	Dol	--	--	--	3,550	1.06
Feeder lambs	Head	982	85	49.32	41,167	--	Interest on operating capital 9/	Dol	53,240.4	--	0.15	7,880	2.35
Cull ewes	Head	470	132	11.50	7,135	--	Total cash costs	Dol	--	--	--	138,250	41.19
Wool	Lbs	38,930	--	.83	32,312	--	Other costs:						
Wool incentive payments 1/	Dol	32,312	--	1.00	32,312	--	Family labor 10/	Hrs	3,164.0	--	4.66	14,744	4.39
Unshorn lamb payment 2/	Dol	3,988	--	2.74	10,927	--	Depreciation 11/	Dol	--	--	--	15,960	4.76
Total sales	Dol	--	--	--	247,240	73.67	Interest on investment other than land 12/	Dol	--	--	--	39,711	11.83
Cash costs:							Interest on land 13/	Dol	--	--	--	56,615	16.87
Irrigated pasture	AM	385.8	--	4.25	1,640	0.49	Total other costs	Dol	--	--	--	127,030	37.85
Federal grazing fees	AM	1,427.0	--	1.86	2,654	0.79	Total all costs	Dol	--	--	--	265,280	79.05
Pasture rent/lease 3/	AM	1,969.3	--	9.23	18,177	5.42	Return above cash costs	Dol	--	--	--	108,990	32.48
Hay purchased	Ton	200.0	--	71.17	14,234	4.24	Return above cash costs and family labor investment 14/	Dol	--	--	--	94,246	28.08
Hay produced	Ton	--	--	--	--	--	Return to land 15/	Dol	--	--	--	78,286	23.33
Grain	Bu	26.0	--	2.85	74	0.02					--	38,575	11.49
Protein supplement	Ton	--	--	--	--	--					--	--	--
Salt and mineral	Cwt	234.9	--	6.69	1,571	0.47					--	--	--
Vet. and medicine	Dol	--	--	--	540	0.16					--	--	--
Public grazing--state	AM	--	--	--	--	--					--	--	--
Feed source:													
National Forest	AM	--	--	--	--	--							
Bureau of Land Management	AM	--	--	--	--	199.0	284.0	305.0	326.0	313.0	--	--	--
Pasture rent/lease	AM	315.6	314.8	369.2	368.8	118.8	114.7	118.8	110.8	90.5	47.3	--	--
Deded rangeland	AM	71.1	69.9	553.8	461.0	492.8	360.8	344.1	385.6	328.8	505.0	527.8	552.3
Irrigated pasture	AM	--	--	--	92.2	99.0	95.6	99.0	--	--	--	--	--
Crop residue	AM	--	--	--	--	--	--	--	--	--	236.7	226.2	236.7
Hay	Ton	100.0	100.0	--	--	--	--	--	--	--	--	--	--
Grain	Bu	13.0	13.0	--	--	--	--	--	--	--	--	--	--
Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--	--
Public grazing--state	AM	--	--	--	--	--	106.9	67.9	13.9	12.9	45.6	--	--
Management practices:													
Wool marketing 16/	lbs	--	--	38,930.0	--	--	--	--	--	--	--	--	--
Lamb marketing 17/	Head	--	--	--	--	--	--	--	--	1,747.0	--	--	--

Table 34--Sheep enterprises of all sizes, Deschutes National Forest, West-Central Oregon, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per ewe	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per ewe
Production:							Cash costs--Continued						
Ewes lambed	Head	872	--	--	--	--	Marketing 4/	Dol	--	--	--	79	0.09
Annual ewe loss	Head	68	--	--	--	--	Trucking	Dol	--	--	--	1,918	2.20
Ewes sold	Head	63	--	--	--	--	Shearing	Dol	--	--	--	1,535	1.76
Lambs docked	Head	872	--	--	--	--	Ram death loss 5/	Dol	--	--	--	532	0.61
Lambs lost from docking to marketing	Head	87	--	--	--	--	Miscellaneous 6/	Dol	--	--	--	1,229	1.41
Lambs held as replacements	Head	131	--	--	--	--	Hired labor	Hrs	2,137.0	--	4.17	8,911	10.22
Lambs sold:							Fuel and lubricants	Dol	--	--	--	2,433	2.79
Slaughter lambs	Head	353	--	--	--	--	Repairs	Dol	--	--	--	2,871	3.29
Feeder lambs	Head	301	--	--	--	--	Taxes 7/	Dol	--	--	--	1,720	1.97
Rams	Head	23	--	--	--	--	Insurance	Dol	--	--	--	422	0.48
Sales:							General farm overhead 8/						
Slaughter lambs	Head	353	101	48.93	17,445	--	Interest on operating capital 9/	Dol	15,337.8	--	0.15	2,270	2.60
Feeder lambs	Head	301	86	49.26	12,751	--	Total cash costs	Dol	--	--	--	35,096	40.25
Cull ewes	Head	63	135	10.50	893	--	Other costs:						
Wool	Lbs	10,150	--	.89	9,034	--	Family labor 10/	Hrs	959.0	--	4.17	3,999	4.59
Wool incentive payments 1/	Dol	9,034	--	1.00	9,034	--	Depreciation 11/	Dol	--	--	--	6,896	7.91
Unshorn lamb payment 2/	Dol	615	--	2.74	1,685	--	Interest on investment other than land 12/	Dol	--	--	--	11,555	13.25
Total sales	Dol	--	--	--	50,842	58.31	Interest on land 13/	Dol	--	--	--	72,724	83.40
Cash costs:							Total other costs						
Irrigated pasture	AUM	24.1	--	5.05	122	.14	Total all costs	Dol	--	--	--	130,270	149.39
Federal grazing fees	AM	98.0	--	1.86	182	.21	Return above cash costs						
Pasture rent/lease 3/	AUM	740.7	--	7.70	5,703	6.54	Return above cash costs and family labor	Dol	--	--	--	11,747	13.47
Hay purchased	Ton	45.0	--	70.0	3,150	3.61	Return to total investment 14/	Dol	--	--	--	4,851	5.56
Hay produced	Ton	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-6,704	-7.69
Grain	Bu	--	--	--	--	--	Public grazing--state						
Protein supplement	Ton	--	--	--	--	--	AUM						
Salt and mineral	Cwt	61.0	--	6.63	404	.46	Jan.						
Vet. and medicine	Dol	--	--	--	331	.38	Feb.						
Public grazing--state	AUM	--	--	--	--	--	Mar.						
							Apr.						
							May						
							June						
							July						
							Aug.						
							Sept.						
							Oct.						
							Nov.						
							Dec.						
Feed source:													
National Forest	AM	--	--	--	--	--	15.0	23.0	23.0	23.0	--	--	--
Bureau of Land Management	AM	--	--	--	--	11.0	3.0	--	--	--	--	--	--
Pasture rent/lease	AUM	60.2	59.8	71.8	71.8	82.8	76.7	76.8	71.7	58.9	37.3	35.6	37.3
Deeded rangeland	AUM	--	--	--	--	--	--	--	--	--	--	--	--
Irrigated pasture	AUM	--	--	--	--	5.2	5.0	5.1	4.8	4.0	--	--	--
Crop residue	AUM	--	--	--	--	--	--	--	--	--	103.5	99.0	--
Hay	Ton	9.0	9.0	9.0	9.0	--	--	--	--	--	--	--	9.0
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--
Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--	--
Public grazing--state	AUM	--	--	--	--	--	--	--	--	--	--	--	--
Management practices:													
Wool marketing 16/	lbs	--	--	--	--	10,150.0	--	--	--	--	--	--	--
Lamb marketing 17/	Head	--	--	--	--	--	--	--	654.0	--	--	--	--

Table 35--Sheep enterprises of all sizes, Wallowa Whitman National Forest, Northeast Oregon, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per ewe	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per ewe
Production:							Cash costs--Continued						
Ewes lambed	Head	2,178					Marketing 4/	Dol	--			262	0.12
Annual ewe loss	Head	109					Trucking	Dol	--			6,450	2.96
Ewes sold	Head	348					Shearing	Dol	--			4,619	2.12
Lambs docked	Head	2,526					Ram death loss 5/	Dol	--			1,285	0.59
Lambs lost from docking to marketing	Head	348					Miscellaneous 6/	Dol	--			4,783	2.20
Lambs held as replacements	Head	457					Hired labor	Hrs	4,730.0		4.17	19,724	9.06
Lambs sold:							Fuel and lubricants	Dol	--			7,969	3.66
Slaughter lambs	Head	1,285					Repairs	Dol	--			5,730	2.63
Feeder lambs	Head	436					Taxes 7/	Dol	--			3,461	1.59
Rams	Head	55					Insurance	Dol	--			1,227	0.56
Sales:							General farm overhead 8/	Dol	--			3,150	1.45
Slaughter lambs	Head	1,285	102	48.93	64,133		Interest on operating capital 9/	Dol	31,242.6		0.15	4,624	2.12
Feeder lambs	Head	436	84	49.26	18,041		Total cash costs	Dol	--		--	95,298	43.75
Cull ewes	Head	348	135	10.50	4,933								
Wool	Lbs	23,958		.89	21,323		Other costs:						
Wool incentive payments 1/	Dol	21,323		1.00	21,323		Family labor 10/	Hrs	1,576.0		4.17	6,572	3.02
Unshorn lamb payment 2/	Dol	1,677		2.74	4,595		Depreciation 11/	Dol	--		--	20,319	9.33
Total sales	Dol	--	--	--	134,348	61.68	Interest on investment other than land 12/	Dol	--		--	31,348	14.39
Cash costs:							Interest on land 13/	Dol	--		--	125,924	57.82
Irrigated pasture	AUM	--					Total other costs	Dol	--		--	184,163	87.56
Federal grazing fees	AM	2,324.0		1.86	4,323	1.98	Total all costs	Dol	--		--	279,461	128.31
Pasture rent/lease 3/	AUM	715.5		7.70	5,509	2.53	Return above cash costs					39,050	17.73
Hay purchased	Ton	71.3		70.00	4,991	2.29	Return above cash costs and family labor	Dol	--		--	32,478	14.91
Hay produced	Ton	71.3		37.17	2,650	1.22	Return to total investment 14/	Dol	--		--	12,159	5.58
Grain	Bu	34.8		2.41	84	0.04	Return to land 15/	Dol	--		--	-19,189	-8.81
Protein supplement	Ton	58.8		211.80	12,454	5.72							
Salt and mineral	Cwt	152.5		6.63	1,011	0.46							
Vet. and medicine	Dol	--		--	992	0.46							
Public grazing--state	AUM	--		--	--	--							
Feed source:													
National Forest	AM	155.0	155.0	97.0	168.0	194.0	256.0	237.0	237.0	199.0	136.0	155.0	155.0
Bureau of Land Management	AM	30.0	30.0	30.0	30.0	--	--	--	--	--	--	30.0	30.0
Pasture rent/lease	AUM	--	--	--	69.5	110.0	87.0	89.0	83.0	82.0	108.0	87.0	--
Deeded rangeland	AUM	40.7	40.7	168.8	162.2	256.2	202.0	208.6	195.3	191.2	251.6	203.6	241.7
Irrigated pasture	AUM	--	--	--	--	--	--	--	--	--	--	--	--
Crop residue	AUM	--	--	--	--	--	--	--	--	--	--	--	--
Hay	Ton	47.6	47.5	47.5	--	--	--	--	--	--	--	--	--
Grain	Bu	8.7	8.7	8.7	8.7	--	--	--	--	--	--	--	--
Protein supplement	Ton	11.8	11.8	11.7	11.7	--	--	--	--	--	--	--	11.8
Public grazing--state	AUM	--	--	--	--	--	--	--	--	--	--	--	--
Management practices:													
Wool marketing 16/	lbs	--	--	--	23,958.0	--	--	--	--	--	--	--	--
Lamb marketing 17/	Head	--	--	--	--	--	--	--	--	1,721.0	--	--	--

Table 36--Sheep enterprises of all sizes, Wenatchee National Forest, Central Washington, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per ewe	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per ewe
Production:							Cash costs—Continued						
Ewes lambded	Head	3,233					Marketing <u>4/</u>	Dol				390	0.12
Annual ewe loss	Head	162					Trucking	Dol				9,574	2.96
Ewes sold	Head	323					Shearing	Dol				6,857	2.12
Lambs docked	Head	4,203					Ram death loss <u>5/</u>	Dol				1,907	0.59
Lambs lost from docking to marketing	Head	336					Miscellaneous <u>6/</u>	Dol				7,342	2.27
Lambs held as replacements	Head	485					Hired labor	Hrs	6,215.0		4.34	26,973	8.34
Lambs sold:							Fuel and lubricants	Dol				7,106	2.20
Slaughter lambs	Head	2,377					Repairs	Dol				4,741	1.47
Feeder lambs	Head	1,005					Taxes <u>7/</u>	Dol				7,861	2.43
Rams	Head	65					Insurance	Dol				1,510	0.47
Sales:							General farm overhead <u>8/</u>						
Slaughter lambs	Head	2,377	115	48.93	133,753		Interest on operating capital <u>9/</u>	Dol	55,967.5		0.15	8,283	2.56
Feeder lambs	Head	1,005	90	49.26	44,556		Total cash costs	Dol				133,609	41.33
Cull ewes	Head	323	120	13.38	5,186		Other costs:						
Wool	Lbs	35,563		.83	29,517		Family labor <u>10/</u>	Hrs	690.0		4.34	2,995	0.93
Wool incentive payments <u>1/</u>	Dol	29,517		1.00	29,517		Depreciation <u>11/</u>	Dol				16,313	5.05
Unshorn lamb payment <u>2/</u>	Dol	4,195		2.74	11,494		Interest on investment other than land <u>12/</u>	Dol				34,697	10.73
Total sales	Dol				254,023	78.57	Interest on land <u>13/</u>	Dol				244,630	75.67
Cash costs:							Total other costs						
Irrigated pasture	AUM	65.4		4.12	269	0.08	Total all costs	Dol				432,244	133.70
Federal grazing fees	AM	1,639.0		1.86	3,049	0.94	Return above cash costs						
Pasture rent/lease <u>3/</u>	AUM	1,554.8		6.67	10,371	3.21	Return above cash costs and family labor	Dol				120,414	37.25
Hay purchased	Ton						Return to total investment <u>14/</u>	Dol				101,106	31.27
Hay produced	Ton	484.9		32.91	15,958	4.94	Return to land <u>15/</u>	Dol				66,409	20.54
Grain	Bu												
Protein supplement	Ton	55.6		253.60	14,100	4.36							
Salt and mineral	Cwt	161.6		7.24	1,170	0.36							
Vet. and medicine	Dol				1,472	0.46							
							Jan. Feb. Mar. Apr. May June July Aug. Sept. Oct. Nov. Dec.						
Feed source:													
National Forest	AM				102.0	240.4	335.0	380.0	380.0	16.0		92.8	92.8
Bureau of Land Management	AM												
Pasture rent/lease	AUM			125.8	222.3	181.3	116.7	105.1	97.9	177.5	190.0	165.4	172.8
Deeded rangeland	AUM			377.3	533.4	435.1	350.2	315.3	293.7	532.4	570.0	396.9	415.0
Irrigated pasture	AUM											65.4	
Crop residue	AUM												68.4
Hay	Ton	194.0	194.0	96.9									
Grain	Bu												
Protein supplement	Ton	21.9	21.5	12.2									
Management practices:													
Wool marketing <u>16/</u>	lbs			35,563.0									
Lamb marketing <u>17/</u>	Head								3,867.0				

Table 37--Sheep enterprises of all sizes, Winema/Umpqua National Forest, Southwest Oregon, 1982

Item	Unit	Number	Average		Total Value	Value per ewe	Item	Unit	Number	Average		Total Value	Value per ewe
			weight (pounds)	Price						weight (pounds)	Price		
Production:													
Ewes lambed	Head	3,230	---	---	---	---	Cash costs--Continued						
Annual ewe loss	Head	252	---	---	---	---	Marketing ^{4/}	Dol	---	---	291	0.09	
Ewes sold	Head	233	---	---	---	---	Trucking	Dol	---	---	7,106	2.20	
Lambs docked	Head	3,230	---	---	---	---	Shearing	Dol	---	---	1,970	0.61	
Lambs lost from docking to marketing	Head	320	---	---	---	---	Ram death loss ^{5/}	Dol	---	---	4,457	1.38	
Lambs held as replacements	Head	485	---	---	---	---	Miscellaneous ^{6/}	Dol	---	---	32,066	9.93	
Lambs sold:							Hired labor	Hrs	7,914.0	---	4.17	33,001	10.22
Slaughter lambs	Head	1,346	---	---	---	---	Fuel and lubricants	Dol	---	---	11,811	3.66	
Feeder lambs	Head	1,079	---	---	---	---	Repairs	Dol	---	---	9,879	3.06	
Rams	Head	85	---	---	---	---	Taxes ^{7/}	Dol	---	---	3,188	0.99	
Sales:							Insurance	Dol	---	---	1,614	0.50	
Slaughter lambs	Head	1,346	101	48.93	66,518	---	General farm	Dol	---	---	---	---	
Feeder lambs	Head	1,079	86	49.26	45,710	---	overhead ^{8/}	Dol	---	---	3,553	1.10	
Cull ewes	Head	233	135	10.75	3,381	---	Interest on oper-						
Wool	Lbs	37,597	---	.89	33,461	---	ating capital ^{9/}	Dol	45,033.3	---	0.15	6,665	2.06
Wool incentive payments ^{1/}	Dol	33,461	---	1.00	33,461	---	Total cash costs	Dol	---	---	---	169,999	52.63
Unshorn lamb payment ^{2/}	Dol	2,345	---	2.74	6,425	---	Other costs:						
Total sales	Dol	---	---	---	188,956	58.50	Family labor ^{10/}	Hrs	3,553.0	---	4.17	14,816	4.59
Cash costs:							Depreciation ^{11/}	Dol	---	---	---	24,771	7.67
Irrigated pasture	AUM	105.0	---	5.05	530	0.16	Interest on Invest-						
Federal grazing fees	AM	2,323.0	---	1.86	4,321	1.34	ment other than						
Pasture rent/lease ^{3/}	AUM	1,851.0	---	7.70	14,253	4.41	land ^{12/}	Dol	---	---	---	40,971	12.68
Hay purchased	Ton	150.0	---	70.0	10,500	3.25	Interest on land ^{13/}	Dol	---	---	---	104,243	32.27
Hay produced	Ton	---	---	---	---	---	Total other costs	Dol	---	---	---	184,801	57.21
Grain	Bu	---	---	---	---	---	Total all costs	Dol	---	---	---	354,800	109.85
Protein supplement	Ton	76.9	---	211.80	16,287	5.04	Return above cash						
Salt and mineral	Cwt	1,098.0	---	6.63	7,280	2.25	costs	Dol	---	---	---	18,957	5.87
Vet. and medicine	Dol	---	---	---	1,227	0.38	Return above cash						
Public grazing-state	AUM	---	---	---	---	---	costs and family labor:	Dol	---	---	---	4,141	1.28
							Return to total						
							investment ^{14/}	Dol	---	---	---	-20,630	-6.39
							Return to land ^{15/}	Dol	---	---	---	-61,601	-19.07
Feed source:													
National Forest	AM	---	20.0	90.0	90.0	160.0	396.0	446.0	496.0	426.0	50.0	---	---
Bureau of Land Management	AM	---	---	---	14.0	27.0	27.0	27.0	27.0	27.0	---	---	---
Pasture rent/lease	AUM	226.0	189.0	199.0	189.0	163.0	97.0	98.0	95.0	69.0	119.0	140.0	267.0
Deeded rangeland	AUM	438.0	351.3	369.5	351.0	304.8	180.8	182.1	177.2	128.4	221.7	260.0	497.0
Irrigated pasture	AUM	---	---	---	---	21.0	21.0	21.0	21.0	21.0	---	---	---
Crop residue	AUM	---	---	---	---	---	---	---	---	---	364.0	332.0	---
Hay	Ton	30.0	30.0	30.0	30.0	30.0	---	---	---	---	---	---	---
Grain	Bu	---	---	---	---	---	---	---	---	---	---	---	---
Protein supplement	Ton	---	19.2	19.2	19.2	19.3	---	---	---	---	---	---	---
Public grazing-state	AUM	---	---	---	---	---	---	---	---	---	---	---	---
Management practices:													
Wool marketing ^{16/}	lbs	---	---	---	---	37,597.0	---	---	---	---	---	---	---
Lamb marketing ^{17/}	Head	---	---	---	---	---	---	---	---	2,425.0	---	---	---

Table 39--Sheep enterprises with all sizes ewes, Shoshone National Forest, Northwestern Wyoming, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per ewe	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per ewe
Production:							Cash costs--Continued						
Ewes lambed	Head	2,270	--	--	--	--	Marketing 4/	Dol	--	--	--	821	0.36
Annual ewe loss	Head	109	--	--	--	--	Trucking	Dol	--	--	--	1,720	0.76
Ewes sold	Head	300	--	--	--	--	Shearing	Dol	--	--	--	4,158	1.83
Lambs docked	Head	1,952	--	--	--	--	Ram death loss 5/	Dol	--	--	--	1,317	0.58
Lambs lost from docking to marketing	Head	221	--	--	--	--	Miscellaneous 6/	Dol	--	--	--	4,966	2.19
Lambs held as replacements	Head	409	--	--	--	--	Hired labor	Hrs	3,900.0	--	4.13	16,107	7.10
Lambs sold:							Fuel and lubricants	Dol	--	--	--	2,991	1.32
Slaughter lambs	Head	754	--	--	--	--	Repairs	Dol	--	--	--	2,782	1.23
Feeder lambs	Head	568	--	--	--	--	Taxes 7/	Dol	--	--	--	1,349	0.59
Rams	Head	54	--	--	--	--	Insurance	Dol	--	--	--	1,130	0.50
Sales:							General farm overhead 8/						
Slaughter lambs	Head	754	99	48.93	36,524	--	Interest on operating capital 9/	Dol	22,608.5	--	0.16	3,550	1.56
Feeder lambs	Head	568	86	49.26	24,063	--	Total cash costs	Dol	--	--	--	65,616	28.91
Cull ewes	Head	300	138	10.50	4,347	--	Other costs:						
Wool	Lbs	25,197	--	.89	22,425	--	Family labor 10/	Hrs	3,405.0	--	4.13	14,063	6.20
Wool incentive payments 1/	Dol	22,425	--	1.00	22,425	--	Depreciation 11/	Dol	--	--	--	13,803	6.08
Unshorn lamb payment 2/	Dol	1,234	--	2.74	3,381	--	Interest on investment other than land 12/	Dol	--	--	--	28,523	12.57
Total sales	Dol	--	--	--	113,165	49.85	Interest on land 13/	Dol	--	--	--	52,100	22.95
Cash costs:							Total other costs						
Irrigated pasture	AUM	--	--	--	--	--	Total all costs	Dol	--	--	--	174,105	76.70
Federal grazing fees	AM	1,521.0	--	1.86	2,829	1.25	Return above cash costs						
Pasture rent/lease 3/	AUM	1,957.3	--	8.46	16,559	7.29	Return above cash costs and family labor	Dol	--	--	--	47,549	20.95
Hay purchased	Ton	--	--	--	--	--	Return to total investment 14/	Dol	--	--	--	19,683	8.67
Hay produced	Ton	--	--	--	--	--	Return to land 15/	Dol	--	--	--	-8,840	-3.89
Grain	Bu	27.3	--	2.56	70	0.03							
Protein supplement	Ton	--	--	--	--	--							
Salt and mineral	Cwt	158.9	--	3.91	621	0.27							
Vet. and medicine	Dol	--	--	--	522	0.23							
Public grazing--state	AUM	1,154.3	--	1.44	1,662	0.73							
<div style="display: flex; justify-content: space-between;"> Jan. Feb. Mar. Apr. May June July Aug. Sept. Oct. Nov. Dec. </div>													
Feed source:													
National Forest	AM	--	--	--	--	--	184.0	363.0	29.0	--	--	--	--
Bureau of Land Management	AM	74.0	74.0	66.0	35.0	99.0	97.0	62.0	36.0	78.0	104.0	132.0	88.0
Pasture rent/lease	AUM	161.4	157.4	195.0	227.8	213.3	205.2	139.6	60.6	158.2	147.1	128.6	163.1
Deeded rangeland	AUM	157.2	153.4	190.1	222.0	207.8	199.9	136.0	59.2	154.2	143.3	125.3	158.9
Irrigated pasture	AUM	--	--	--	--	--	--	--	--	--	--	--	--
Crop residue	AUM	--	--	--	--	--	--	--	--	--	--	--	--
Hay	Ton	--	--	--	--	--	--	--	--	--	--	--	--
Grain	Bu	9.1	9.1	9.1	--	--	--	--	--	--	--	--	--
Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--	--
Public grazing--state	AUM	95.2	92.8	115.1	134.3	125.8	121.0	82.3	35.8	93.3	86.7	75.8	96.2
Management practices:													
Wool marketing 16/	lbs	--	--	--	25,197.0	--	--	--	--	--	--	--	--
Lamb marketing 17/	Head	--	--	--	--	--	--	--	1,322.0	--	--	--	--

Table 40--Sheep enterprises with sheep herds of all sizes ewes, Forest Service - Kaibab National Forest, North Central Arizona, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per ewe	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per ewe																																																																																																																																																																																						
Production:							Cash costs--Continued																																																																																																																																																																																												
Ewes lambed	Head	5,704	--	--	--	--	Marketing <u>4/</u>	Dol	--	--	--	1,605	0.28																																																																																																																																																																																						
Annual ewe loss	Head	188	--	--	--	--	Trucking	Dol	--	--	--	31,486	5.52																																																																																																																																																																																						
Ewes sold	Head	496	--	--	--	--	Shearing	Dol	--	--	--	14,286	2.50																																																																																																																																																																																						
Lambs docked	Head	5,476	--	--	--	--	Ram death loss <u>5/</u>	Dol	--	--	--	3,422	0.60																																																																																																																																																																																						
Lambs lost from docking to marketing	Head	433	--	--	--	--	Miscellaneous <u>6/</u>	Dol	--	--	--	15,586	2.73																																																																																																																																																																																						
Lambs held as replacements	Head	684	--	--	--	--	Hired labor	Hrs	11,816.0	--	4.82	56,953	9.98																																																																																																																																																																																						
Lambs sold:							Fuel and lubricants	Dol	--	--	--	13,154	2.31																																																																																																																																																																																						
Slaughter lambs	Head	3,356	--	--	--	--	Repairs	Dol	--	--	--	7,872	1.38																																																																																																																																																																																						
Feeder lambs	Head	1,003	--	--	--	--	Taxes <u>7/</u>	Dol	--	--	--	8,775	1.54																																																																																																																																																																																						
Rams	Head	285	--	--	--	--	Insurance	Dol	--	--	--	2,828	0.50																																																																																																																																																																																						
Sales:							Interest on operating capital <u>9/</u>																																																																																																																																																																																												
Slaughter lambs	Head	3,356	98	48.93	160,925	--	Total cash costs	Dol	65,775.7	--	0.15	9,735	1.71																																																																																																																																																																																						
Feeder lambs	Head	1,003	77	49.26	38,044	--		Dol	--	--	--	212,066	37.18																																																																																																																																																																																						
Cull ewes	Head	496	135	10.50	7,031	--	Other costs:																																																																																																																																																																																												
Wool	Lbs	18,981	--	.89	62,363	--	Family labor <u>10/</u>	Hrs	11,816.0	--	4.82	56,953	9.98																																																																																																																																																																																						
Wool incentive payments <u>1/</u>	Dol	62,363	--	1.00	62,363	--	Depreciation <u>11/</u>	Dol	--	--	--	35,096	6.15																																																																																																																																																																																						
Unshorn lamb payment <u>2/</u>	Dol	4,061	--	2.74	11,127	--	Interest on investment other than land <u>12/</u>	Dol	--	--	--	64,133	11.24																																																																																																																																																																																						
Total sales	Dol	--	--	--	341,853	59.93	Interest on land <u>13/</u>	Dol	--	--	--	419,836	73.60																																																																																																																																																																																						
Cash costs:							Total other costs																																																																																																																																																																																												
Irrigated pasture	AUM	1,046.4	--	4.85	5,075	0.89	Total all costs	Dol	--	--	--	788,084	138.16																																																																																																																																																																																						
Federal grazing fees	AM	2,891.6	--	1.86	5,378	0.94	Return above cash costs																																																																																																																																																																																												
Pasture rent/lease <u>3/</u>	AUM	2,354.9	--	6.26	14,742	2.58	Return above cash	Dol	--	--	--	129,787	22.75																																																																																																																																																																																						
Hay purchased	Ton	65.6	--	59.83	3,925	0.69	Return above cash costs and family labor	Dol	--	--	--	72,834	12.77																																																																																																																																																																																						
Hay produced	Ton	--	--	--	--	--	Return to total investment <u>14/</u>	Dol	--	--	--	37,738	6.62																																																																																																																																																																																						
Grain	Bu	--	--	--	--	--	Return to land <u>15/</u>	Dol	--	--	--	-26,395	-4.63																																																																																																																																																																																						
Protein supplement	Ton	--	--	--	--	--	Return																																																																																																																																																																																												
Salt and mineral	Cwt	399.0	--	4.88	1,947	0.34																																																																																																																																																																																													
Vet. and medicine	Dol	--	--	--	2,293	0.40																																																																																																																																																																																													
Public grazing--state	AUM	543.6	--	1.02	554	0.10																																																																																																																																																																																													
<table border="1"> <thead> <tr> <th></th> <th>Jan.</th> <th>Feb.</th> <th>Mar.</th> <th>Apr.</th> <th>May</th> <th>June</th> <th>July</th> <th>Aug.</th> <th>Sept.</th> <th>Oct.</th> <th>Nov.</th> <th>Dec.</th> </tr> </thead> <tbody> <tr> <td>Feed source:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>National Forest Bureau of Land Management</td> <td>AM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>149.4</td> <td>660.6</td> <td>648.0</td> <td>578.2</td> <td>578.2</td> <td>277.2</td> <td>--</td> </tr> <tr> <td>Pasture rent/lease</td> <td>AUM</td> <td>179.8</td> <td>178.8</td> <td>209.4</td> <td>209.0</td> <td>224.3</td> <td>216.3</td> <td>224.3</td> <td>209.4</td> <td>172.0</td> <td>179.8</td> <td>172.0</td> </tr> <tr> <td>Deeded rangeland</td> <td>AUM</td> <td>1,092.6</td> <td>1,086.1</td> <td>1,272.7</td> <td>1,350.7</td> <td>1,015.7</td> <td>290.4</td> <td>318.8</td> <td>388.5</td> <td>318.8</td> <td>643.4</td> <td>912.9</td> </tr> <tr> <td>Irrigated pasture</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>224.3</td> <td>216.5</td> <td>224.3</td> <td>209.3</td> <td>172.0</td> <td>--</td> <td>--</td> </tr> <tr> <td>Crop residue</td> <td>AUM</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>207.5</td> <td>198.5</td> <td>207.5</td> </tr> <tr> <td>Hay</td> <td>Ton</td> <td>20.8</td> <td>20.6</td> <td>24.2</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Grain</td> <td>Bu</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Protein supplement</td> <td>Ton</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Public grazing--state</td> <td>AUM</td> <td>41.5</td> <td>41.4</td> <td>48.3</td> <td>48.2</td> <td>51.8</td> <td>49.9</td> <td>51.8</td> <td>48.3</td> <td>39.7</td> <td>41.5</td> <td>39.7</td> </tr> <tr> <td>Management practices:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Wool marketing <u>16/</u></td> <td>lbs</td> <td>--</td> <td>--</td> <td>--</td> <td>70,071.0</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Lamb marketing <u>17/</u></td> <td>Head</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>4,359.0</td> <td>--</td> <td>--</td> <td>--</td> </tr> </tbody> </table>															Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Feed source:													National Forest Bureau of Land Management	AM	--	--	--	--	149.4	660.6	648.0	578.2	578.2	277.2	--	Pasture rent/lease	AUM	179.8	178.8	209.4	209.0	224.3	216.3	224.3	209.4	172.0	179.8	172.0	Deeded rangeland	AUM	1,092.6	1,086.1	1,272.7	1,350.7	1,015.7	290.4	318.8	388.5	318.8	643.4	912.9	Irrigated pasture	AUM	--	--	--	--	224.3	216.5	224.3	209.3	172.0	--	--	Crop residue	AUM	--	--	--	--	--	--	--	--	207.5	198.5	207.5	Hay	Ton	20.8	20.6	24.2	--	--	--	--	--	--	--	--	Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--	Public grazing--state	AUM	41.5	41.4	48.3	48.2	51.8	49.9	51.8	48.3	39.7	41.5	39.7	Management practices:													Wool marketing <u>16/</u>	lbs	--	--	--	70,071.0	--	--	--	--	--	--	--	Lamb marketing <u>17/</u>	Head	--	--	--	--	--	--	--	4,359.0	--	--	--
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.																																																																																																																																																																																							
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Pasture rent/lease	AUM	179.8	178.8	209.4	209.0	224.3	216.3	224.3	209.4	172.0	179.8	172.0																																																																																																																																																																																							
Deeded rangeland	AUM	1,092.6	1,086.1	1,272.7	1,350.7	1,015.7	290.4	318.8	388.5	318.8	643.4	912.9																																																																																																																																																																																							
Irrigated pasture	AUM	--	--	--	--	224.3	216.5	224.3	209.3	172.0	--	--																																																																																																																																																																																							
Crop residue	AUM	--	--	--	--	--	--	--	--	207.5	198.5	207.5																																																																																																																																																																																							
Hay	Ton	20.8	20.6	24.2	--	--	--	--	--	--	--	--																																																																																																																																																																																							
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																							
Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--																																																																																																																																																																																							
Public grazing--state	AUM	41.5	41.4	48.3	48.2	51.8	49.9	51.8	48.3	39.7	41.5	39.7																																																																																																																																																																																							
Management practices:																																																																																																																																																																																																			
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Lamb marketing <u>17/</u>	Head	--	--	--	--	--	--	--	4,359.0	--	--	--																																																																																																																																																																																							

Table 42--Sheep enterprises with up to 999 ewes, Manti-Lasal National Forest, Southeastern Utah, 1982

Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per ewe	Item	Unit	Number	Average weight (pounds)	Price	Total Value	Value per ewe
Production:							Cash costs--Continued						
Ewes lambed	Head	311	--	--	--	--	Marketing <u>4/</u>	Dol	--	--	--	42	0.14
Annual ewe loss	Head	22	--	--	--	--	Trucking	Dol	--	--	--	1,047	3.37
Ewes sold	Head	37	--	--	--	--	Shearing	Dol	--	--	--	715	2.30
Lambs docked	Head	395	--	--	--	--	Ram death loss <u>5/</u>	Dol	--	--	--	184	0.59
Lambs lost from docking to marketing	Head	32	--	--	--	--	Miscellaneous <u>6/</u>	Dol	--	--	--	796	2.56
Lambs held as replacements	Head	59	--	--	--	--	Hired labor	Hrs	332.0	--	4.22	1,401	4.50
Lambs sold:							Fuel and lubricants	Dol	--	--	--	654	2.10
Slaughter lambs	Head	188	--	--	--	--	Repairs	Dol	--	--	--	790	2.54
Feeder lambs	Head	116	--	--	--	--	Taxes <u>7/</u>	Dol	--	--	--	701	2.25
Rams	Head	--	--	--	--	--	Insurance	Dol	--	--	--	156	0.50
Sales:							General farm overhead <u>8/</u>	Dol	--	--	--	496	1.59
Slaughter lambs	Head	188	93	48.93	8,555	--	Interest on operating capital <u>9/</u>	Dol	3,780.2	--	0.15	559	1.80
Feeder lambs	Head	116	82	49.26	4,686	--	Total cash costs	Dol	--	--	--	9,692	31.16
Cull ewes	Head	37	145	10.50	563	--	Other costs:						
Wool	Lbs	3,820	--	.89	3,400	--	Family labor <u>10/</u>	Hrs	332.0	--	4.22	1,401	4.50
Wool incentive payments <u>1/</u>	Dol	3,400	--	1.00	3,400	--	Depreciation <u>11/</u>	Dol	--	--	--	3,695	11.88
Unshorn lamb payment <u>2/</u>	Cwt	270	--	2.74	740	--	Interest on investment other than land <u>12/</u>	Dol	--	--	--	3,695	11.88
Total sales	Dol	--	--	--	21,344	68.63	Interest on land <u>13/</u>	Dol	--	--	--	5,250	16.88
Cash costs:							Total other costs	Dol	--	--	--	14,041	45.15
Irrigated pasture	AUM	--	--	--	--	--	Total all costs	Dol	--	--	--	23,733	76.31
Federal grazing fees	AM	359.0	--	1.86	668	2.15	Return above cash costs	Dol	--	--	--	11,652	37.47
Pasture rent/lease <u>3/</u>	AUM	68.2	--	9.29	634	2.04	Return above cash costs and family labor	Dol	--	--	--	10,251	32.96
Hay purchased	Ton	2.4	--	62.00	149	0.48	Return to total investment <u>14/</u>	Dol	--	--	--	6,556	21.08
Hay produced	Ton	9.7	--	40.71	395	1.27	Return to land <u>15/</u>	Dol	--	--	--	2,861	9.20
Grain	Bu	--	--	--	--	--							
Protein supplement	Ton	--	--	--	--	--							
Salt and mineral	Cwt	21.8	--	4.85	106	0.34							
Vet. and medicine	Dol	--	--	--	150	0.48							
Public grazing--state	Dol	29.2	--	1.69	49	0.16							
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Feed source:													
National Forest Bureau of Land Management	AM	--	--	--	--	--	--	57.0	57.0	79.0	--	--	--
Pasture rent/lease	AUM	28.0	27.0	27.0	27.0	--	--	--	--	--	--	29.0	28.0
Deeded rangeland	AUM	5.3	5.2	6.1	6.0	6.5	6.2	6.4	6.1	4.9	5.3	4.9	5.3
Irrigated pasture	AUM	36.2	18.0	21.2	42.1	83.7	80.1	3.8	3.8	7.3	67.5	31.9	36.2
Crop residue	AUM	--	--	--	--	--	--	--	--	--	--	--	--
Hay	Ton	--	5.5	6.6	--	--	--	--	--	--	--	--	--
Grain	Bu	--	--	--	--	--	--	--	--	--	--	--	--
Protein supplement	Ton	--	--	--	--	--	--	--	--	--	--	--	--
Public grazing--state		2.3	2.2	2.6	2.6	2.8	2.7	2.8	2.6	2.1	2.3	2.1	2.1
Management practices:													
Wool marketing <u>16/</u>	lbs	--	--	--	3,820.0	--	--	--	--	--	--	--	--
Lamb marketing <u>17/</u>	Head	--	--	--	--	--	--	--	304.0	--	--	--	--

Cattle Enterprise Budgets

- 1/ January bred cow inventory.
- 2/ Heifers that replace cows lost and cows culled so herd size is maintained.
- 3/ Includes both Forest Service and Bureau of Land Management grazing fees.
- 4/ Includes leases on Indian land, industrial forests, grazing associations, City and County lands, railroad lands, etc.
- 5/ Beef cattle concentrate 32-36 percent protein.
- 6/ Includes purchase and sales commission, brand inspection, health certificates, yardage, etc.
- 7/ Includes general farm expenses as telephone, organization dues, professional fees, etc.
- 8/ Includes real estate, personal property, vehicle use fees, and miscellaneous taxes.
- 9/ Interest is charged for only months when money is in use.
- 10/ Family labor is priced at the same rate as hired labor and does not account for management.
- 11/ Assets are valued at current replacement cost and then treated in the same manner as depreciation.
- 12/ Interest on investment is based on original purchase price.
- 13/ Interest is based on current market price for real estate.
- 14/ Return above cash costs and family labor minus capital replacement.
- 15/ Return to total investment minus interest on investment other than land.
- 16/ An animal month (AM) is a cow with a calf under six months old, a dry cow, or a calf or yearling over six months old.
- 17/ An animal unit month (AUM) is equal to 300 pounds of total digestible nutrients.

SHEEP ENTERPRISE BUDGETS

- 1/ Based on a 1982 wool support price of \$1.37 per pound and a national average market price of \$.684.
- 2/ Based on 80 percent of the difference between the support price and the national average market price for wool multiplied by 5 pounds which is the estimated average wool production per hundredweight of live lamb.
- 3/ Includes all pasture and rangeland leased other than federal grazing land.
- 4/ Includes all selling and purchase costs other than transportation.
- 5/ Ram death loss is a cash expense since it is incurred annually and requires direct cash outlays.
- 6/ Includes association dues, wool storage, predator control, legal and accounting fees, and utilities other than electricity.
- 7/ Includes both real estate and personal property.
- 8/ The sheep enterprises share of general farm expenses.
- 9/ Interest is calculated for only the time money is in use by the enterprise.
- 10/ Family labor includes work done by the operator or other family members. Family labor is valued at the same price as hired labor.
- 11/ Depreciation is based on current replacement cost of assets instead of original purchase price.
- 12/ Interest on investment is based on original purchase price.
- 13/ Interest on land is based on current market price.
- 14/ Return above cash costs and family labor minus depreciation.
- 15/ Return to total investment minus interest on investment other than land.
- 16/ Average month for wool marketing.
- 17/ Average month for lamb marketing.

