

The World's Largest Open Access Agricultural & Applied Economics Digital Library

This document is discoverable and free to researchers across the globe due to the work of AgEcon Search.

Help ensure our sustainability.

Give to AgEcon Search

AgEcon Search
http://ageconsearch.umn.edu
aesearch@umn.edu

Papers downloaded from **AgEcon Search** may be used for non-commercial purposes and personal study only. No other use, including posting to another Internet site, is permitted without permission from the copyright owner (not AgEcon Search), or as allowed under the provisions of Fair Use, U.S. Copyright Act, Title 17 U.S.C.

No endorsement of AgEcon Search or its fundraising activities by the author(s) of the following work or their employer(s) is intended or implied.

Dairy Farm Operating Trends

September 30, 2005



MOORE STEPHENS WURTH FRAZER AND TORBET, LLP

Certified Public Accountants and Consultants

Creating New Horizons By Building Relationships and Exceeding Expectations

To Our Valued Clients and Other Friends in the Dairy Industry

The following pages contain the Moore Stephens Wurth Frazer and Torbet, LLP's Dairy Farm Operating Trends for the nine months ended September 30, 2005.

The data is compiled from dairy operations in Southern California, the San Joaquin Valley, Arizona, Idaho, and New Mexico with a combined milk production of over 1.6 billion pounds and more than 106,000 head of mature cows in the current year.

This report includes a comparison of the results in the regions listed above for the nine months ended September 30, 2005 both on a "per hundredweight of milk" basis and on a "per head" basis. Also included are selected financial ratios and other information for the period.

This publication is designed as a reference tool and a management aid for dairy farm managers and advisors. Moore Stephens Wurth Frazer and Torbet, LLP believes the information to be reliable, but is not responsible for errors in reported source information.

Our publication continues to be recognized as the top industry source for relevant dairy statistics. This report is provided to and widely utilized by dairy farmers, lending institutions, universities, colleges and other agribusiness industries.

We appreciate all of your past and present support and thank you for your continued reliance on Moore Stephens Wurth Frazer and Torbet, LLP. If you have any comments or questions, please contact Sharon A. Davis or Tim Gulling at our City of Industry office at (909) 594-2713 or Bob Matlick or Mike Edwards at our Visalia office at (559) 732-4135.

Sincerely,

Moore Stephens Worth Frazir and Torbet LLP

MOORE STEPHENS WURTH FRAZER AND TORBET, LLP Certified Public Accountants and Consultants

January 2006

DAIRY FARM OPERATING TRENDS

TABLE OF CONTENTS

SEPTEMBER 30, 2005

	PAGE
Comparison by Area on a Per Head Basis	. 1
Comparison by Area on a Per Hundredweight of Milk Basis	. 3
Southern California	. 5
San Joaquin Valley	. 7
Arizona	. 9
ldaho	. 11
New Mexico	. 13
Explanation of Income and Cost Factors	. 15
Our Firm and the Dairy Industry	. 16
Notes	17

COMPARISON BY AREA FOR THE NINE MONTHS ENDED SEPTEMBER 30, 2005 (BASED ON AVERAGE AMOUNTS PER HEAD)

		Southern California	Sa	n Joaquin Valley		Arizona
Income:						
Milk sales	\$	2,292	\$	2,276	\$	2,299
Calves and other		65		50		64
Total income	\$	2,357	\$	2,326	\$	2,363
Cost of operations: Feed:						
Grain	\$	722	\$	730	\$	630
Hay and other		321		323	~	345
Total feed	\$	1,043	\$	1,053	\$	975
Labor, (including fringe costs)	\$	294	\$	218	\$	197
Herd replacement costs	\$	162	\$	156	\$	242
Other costs:	•					
Milk hauling	\$	53	\$	43	\$	102
State and association charges		38		38		42
Veterinary, breeding, testing, etc. Supplies		60 72		55		32
Repairs and maintenance		107		89		98
Utilities		40		92 39		68 45
Occupancy costs		87		76		107
Depreciation - equipment		23		51		38
Interest		63		90		122
Miscellaneous		65		79		89
Total other costs	\$	608	\$	652	\$	743
Total cost of operations	\$	2,107	\$	2,079	\$	2,157
Net income	\$	250	\$	247	\$	206

Idaho	Ne	w Mexico	Your September 30, 2005 Amounts
\$ 2,396 60	\$	2,043 101	\$
\$ 2,456	\$	2,144	\$
\$ 695 320	\$	632 202	\$
\$ 1,015	\$	834	\$
\$ 223	\$	241	\$
\$ 234	\$	209	\$
\$ 42 40 55 106 46 28 45 55 110 76	\$	103 29 34 140 64 47 42 50 94 73	\$
\$ 603	\$	676	\$
\$ 2,075	\$	1,960	\$
\$ 381	\$	184	\$

COMPARISON BY AREA
FOR THE NINE MONTHS ENDED SEPTEMBER 30, 2005
(BASED ON AVERAGE AMOUNTS
PER HUNDREDWEIGHT OF MILK)

					,		
Market State	Southern California					Arizona	
Income:							
Milk sales	\$	14.80	\$	14.43	\$	15.26	
Calves and other		0.42		0.32		0.43	
Total income	\$	15.22	\$	14.75	\$	15.69	
Cost of operations: Feed:							
Grain	\$	4.66	\$	4.63	\$	4.18	
Hay and other		2.06		2.04		2.29	
Total feed	\$	6.72	\$	6.67	\$	6.47	
Labor, (including fringe costs)	\$	1.91	\$	1.39	\$	1.30	
Herd replacement costs	\$	1.05	\$	0.99	\$	1.60	
Other costs:							
Milk hauling	\$	0.34	\$	0.27	\$	0.68	
State and association charges	*	0.24	Ψ	0.24	Ψ	0.28	
Veterinary, breeding, testing, etc.		0.39		0.35		0.22	
Supplies		0.47		0.56		0.65	
Repairs and maintenance		0.69		0.58		0.45	
Utilities		0.26		0.25		0.30	
Occupancy costs		0.56		0.48		0.71	
Depreciation - equipment		0.15		0.32		0.25	
Interest		0.41		0.57		0.81	
Miscellaneous		0.43		0.50		0.59	
Total other costs	\$	3.94	\$	4.12	\$	4.94	
Total cost of operations	\$	13.62	\$	13.17	\$	14.31	
Net income	\$	1.60	\$	1.58	\$	1.38	

ldaho	Ne	w Mexico	Your September 30, 2005 Amounts
\$ 13.99 0.35	\$	13.87 0.69	\$
\$ 14.34	\$	14.56	\$
\$ 4.05 1.87	\$	4.29 1.37	\$
\$ 5.92	\$	5.66	\$
\$ 1.30	\$	1.64	\$
\$ 1.37	\$	1.42	\$
\$ 0.25 0.23 0.32 0.62 0.27 0.16 0.27 0.32 0.64 0.44	\$	0.70 0.20 0.23 0.95 0.43 0.32 0.28 0.34 0.64 0.48	\$
\$ 3.52	\$	4.57	\$
\$ 12.11	\$	13.29	\$
\$ 2.23	\$	1.27	\$

FOR THE NINE MONTHS ENDED SEPTEMBER 30, 2005, 2004, AND 2003 SOUTHERN CALIFORNIA (BASED ON A PER HUNDREDWEIGHT OF MILK BASIS)

		2005	 2004		2003	
Income: Milk sales	•	44.00				
Calves and other	\$	14.80 0.42	\$ 15.54 0.33	\$	11.61 0.19	
Total income	\$	15.22	\$ 15.87	\$	11.80	
Cost of operations: Feed:						
Grain Hay and other	\$	4.66 2.06	\$ 4.48 1.99	\$	4.04 1.82	
Total feed	\$	6.72	\$ 6.47	\$	5.86	
Labor, (including fringe costs)	\$	1.91	\$ 1.76	\$	1.51	
Herd replacement costs	\$	1.05	\$ 1.10	\$	1.21	
Other costs:						
Milk hauling State and association charges	\$	0.34	\$ 0.31	\$	0.35	
Veterinary, breeding, testing, etc.		0.24 0.39	0.24 0.34		0.20 0.29	
Supplies		0.47	0.42		0.29	
Repairs and maintenance		0.69	0.59		0.41	
Utilities		0.26	0.23		0.23	
Occupancy costs		0.56	0.65		0.62	
Depreciation - equipment Interest		0.15	0.13		0.11	
Miscellaneous		0.41	0.30		0.29	
Miscenarieous	 -	0.43	 0.34	<u></u>	0.28	
Total other costs	\$	3.94	\$ 3.55	\$	3.19	
Total cost of operations	\$	13.62	\$ 12.88	\$	11.77	
Net income	\$	1.60	\$ 2.99	\$	0.03	

SUMMARY OF FINANCIAL STATISTICS

SOUTHERN CALIFORNIA

		S	eptember 30, 2005	Sept	ember 30, 2004	Sept	ember 30, 2003
1.	Current Ratio		1.48 :1		1.15 :1		0.97 :1
2.	Debt Per Cow	\$	880	\$	699	\$	791
3.	Debt to Equity Ratio		0.85 :1		0.81 :1		0.62 :1
4.	Return on Total Assets		8.9%		17.3%		0.3%
		4	The current rat		onto aurront	aaaata (divided by

- 1. The current ratio represents current assets divided by current liabilities.
- 2. Debt per cow equals the total long-term debt divided by the average total herd size. Heifers are included on a mature equivalent basis.
- 3. Debt to equity represents the total debt divided by the total equity.
- 4. The return on total assets represents the net income divided by the total assets, stated at cost. For the nine month periods presented, it has been annualized.

FOR THE NINE MONTHS ENDED SEPTEMBER 30, 2005, 2004, AND 2003 SAN JOAQUIN VALLEY (BASED ON A PER HUNDREDWEIGHT OF MILK BASIS)

£505 1955 1955		2005	 2004		2003	
Income:			-			
Milk sales	\$	14.43	\$ 15.26	\$	11.54	
Calves and other		0.32	 1.06	Ψ	0.28	
Total income	\$	14.75	\$ 16.32	\$	11.82	
Cost of operations: Feed:						
Grain	\$	4.63	\$ 4.47	\$	4.43	
Hay and other		2.04	 2.05		1.54	
Total feed	\$	6.67	\$ 6.52	\$	5.97	
Labor, (including fringe costs)	\$	1.39	\$ 1.41	\$	1.31	
Herd replacement costs	\$	0.99	\$ 1.01	\$	1.20	
				Ψ	1.20	
Other costs:						
Milk hauling	\$	0.27	\$ 0.25	\$	0.24	
State and association charges		0.24	0.24		0.20	
Veterinary, breeding, testing, etc.		0.35	0.36		0.36	
Supplies		0.56	0.53		0.47	
Repairs and maintenance Utilities		0.58	0.49		0.40	
Occupancy costs		0.25	0.27		0.28	
Depreciation - equipment		0.48	0.42		0.42	
Interest		0.32	0.36		0.36	
Miscellaneous		0.57 0.50	0.46 0.44		0.46 0.34	
		0.00	 0.44		0.34	
Total other costs	\$	4.12	\$ 3.82	\$	3.53	
Total cost of operations	\$	13.17	\$ 12.76	\$	12.01	
Net income (loss)	\$	1.58	\$ 3.56	\$	(0.19)	

SUMMARY OF FINANCIAL STATISTICS

SAN JOAQUIN VALLEY

		Sep	ptember 30, 2005	Sep	tember 30, 2004	Sep	tember 30, 2003
1.	Current Ratio		1.95 :1		1.90 :1		1.29 :1
2.	Debt Per Cow	\$	1,388	\$	1,380	\$	1,374
3.	Debt to Equity Ratio		0.73 :1		0.73 :1		0.93 :1
4.	Return on Total Assets		5.3%		12.0%		-0.7%

- 1. The current ratio represents current assets divided by current liabilities.
- 2. Debt per cow equals the total long-term debt divided by the average total herd size. Heifers are included on a mature equivalent basis.
- 3. Debt to equity represents the total debt divided by the total equity.
- 4. The return on total assets represents the net income divided by the total assets, stated at cost. For the nine month periods presented, it has been annualized.

FOR THE NINE MONTHS ENDED SEPTEMBER 30, 2005, 2004, AND 2003 ARIZONA (BASED ON A PER HUNDREDWEIGHT OF MILK BASIS)

	2005	 2004	2003	
Income: Milk sales Calves and other	\$ 15.26 0.43	\$ 16.02 0.43	\$	11.67 0.33
Total income	\$ 15.69	\$ 16.45	\$	12.00
Cost of operations: Feed: Grain Hay and other	\$ 4.18 2.29	\$ 3.87 2.38	\$	3.72 2.04
Total feed	\$ 6.47	\$ 6.25	\$	5.76
Labor, (including fringe costs)	\$ 1.30	\$ 1.31	\$	1.22
Herd replacement costs	\$ 1.60	\$ 1.58	\$	1.89
Other costs: Milk hauling State and association charges Veterinary, breeding, testing, etc. Supplies Repairs and maintenance Utilities Occupancy costs Depreciation - equipment Interest Miscellaneous	\$ 0.68 0.28 0.22 0.65 0.45 0.30 0.71 0.25 0.81 0.59	\$ 0.60 0.27 0.23 0.55 0.40 0.29 0.74 0.23 0.65 0.56	\$	0.51 0.31 0.24 0.49 0.35 0.25 0.61 0.20 0.66 0.45
Total other costs	\$ 4.94	\$ 4.52	\$	4.07
Total cost of operations	\$ 14.31	\$ 13.66	\$	12.94
Net income (loss)	\$ 1.38	\$ 2.79	\$	(0.94)

SUMMARY OF FINANCIAL STATISTICS

ARIZONA

		Se	ptember 30, 2005	Sep	tember 30, 2004	Sep	tember 30, 2003
1.	Current Ratio		0.89 :1		0.81 :1		0.67 :1
2.	Debt Per Cow	\$	2,434	\$	1,486	\$	1,597
3.	Debt to Equity Ratio		2.97 :1		1.78 :1		2.42 :1
4.	Return on Total Assets		4.9%		13.0%		-4.8%

- 1. The current ratio represents current assets divided by current liabilities.
- 2. Debt per cow equals the total long-term debt divided by the average total herd size. Heifers are included on a mature equivalent basis.
- 3. Debt to equity represents the total debt divided by the total equity.
- 4. The return on total assets represents the net income divided by the total assets, stated at cost. For the nine month periods presented, it has been annualized.

FOR THE NINE MONTHS ENDED SEPTEMBER 30, 2005, 2004, AND 2003 IDAHO (BASED ON A PER HUNDREDWEIGHT OF MILK BASIS)

	2005			2004		2003	
Income: Milk sales Calves and other	\$	13.99 0.35	\$	15.41 0.27	\$	11.51 0.17	
Total income	\$	14.34	\$	15.68	\$	11.68	
Cost of operations: Feed: Grain Hay and other	\$	4.05 1.87	\$	3.99 2.05	\$	3.48 1.91	
Total feed	\$	5.92	\$	6.04	\$	5.39	
Labor, (including fringe costs)	\$	1.30	\$\$	1.14	\$	1.19	
Herd replacement costs	\$	1.37	\$	1.61	\$	1.56	
Other costs: Milk hauling State and association charges Veterinary, breeding, testing, etc. Supplies Repairs and maintenance Utilities Occupancy costs Depreciation - equipment Interest Miscellaneous	\$	0.25 0.23 0.32 0.62 0.27 0.16 0.27 0.32 0.64 0.44	\$	0.23 0.24 0.34 0.70 0.36 0.15 0.27 0.34 0.64 0.53	\$	0.22 0.23 0.25 0.62 0.40 0.18 0.34 0.28 0.46 0.31	
Total other costs	\$	3.52	\$	3.80	\$	3.29	
Total cost of operations	\$	12.11	\$	12.59	\$	11.43	
Net income	\$	2.23	\$	3.09	\$	0.25	

SUMMARY OF FINANCIAL STATISTICS							
		IDAHO					
	September 30, 2005	September 30, 2004	September 30, 2003				
Current Ratio	1.22 :1	1.06 :1	1.31 :1				
2. Debt Per Cow	\$ 2,061	\$ 2,382	\$ 1,645				
3. Debt to Equity Ratio	1.58 :1	1.93 :1	1.49 :1				
4. Return on Total Assets	11.6%	12.8%	1.7%				
	 Debt per cow eq by the average to on a mature equity. Debt to equity retotal equity. The return on to divided by the total equity. 	 The current ratio represents current assets divided by current liabilities. Debt per cow equals the total long-term debt divided by the average total herd size. Heifers are included on a mature equivalent basis. Debt to equity represents the total debt divided by the total equity. The return on total assets represents the net income divided by the total assets, stated at cost. For the nine month periods presented, it has been annualized. 					

FOR THE NINE MONTHS ENDED SEPTEMBER 30, 2005, 2004, AND 2003 NEW MEXICO (BASED ON A PER HUNDREDWEIGHT OF MILK BASIS)

	2005		2004		2003	
Income: Milk sales Calves and other	\$	13.87 0.69	\$	15.04 0.83	\$	11.34 0.27
Total income	\$	14.56	\$	15.87	\$	11.61
Cost of operations: Feed: Grain Hay and other	\$	4.29 1.37	\$	4.16 1.61	\$	4.22 1.92
Total feed	\$	5.66	\$	5.77	\$	6.14
Labor, (including fringe costs)	\$	1.64	\$	1.61	\$	1.51
Herd replacement costs	\$	1.42	\$	1.56	\$	1.73
Other costs: Milk hauling State and association charges Veterinary, breeding, testing, etc. Supplies Repairs and maintenance Utilities Occupancy costs Depreciation - equipment Interest Miscellaneous	\$	0.70 0.20 0.23 0.95 0.43 0.32 0.28 0.34 0.64 0.48	\$	0.59 0.21 0.14 0.75 0.24 0.26 0.25 0.32 0.62 0.35	\$	0.56 0.22 0.20 0.62 0.24 0.24 0.31 0.31 0.54 0.34
Total other costs	\$	4.57	\$	3.73	\$	3.58
Total cost of operations	\$	13.29	\$	12.67	\$	12.96
Net income (loss)	\$	1.27	\$	3.20	\$	(1.35)

SUMMARY OF FINANCIAL STATISTICS **NEW MEXICO** September 30, September 30, September 30, 2005 2004 2003 **Current Ratio** 1. 0.86 :1 0.82:1 0.66:1 2. **Debt Per Cow** 1,197 1,243 1,282 3. Debt to Equity Ratio 1.41 :1 1.32:1 2.20:1 4. Return on Total Assets 5.8% 15.1% -6.9% 1. The current ratio represents current assets divided by current liabilities. 2. Debt per cow equals the total long-term debt divided by the average total herd size. Heifers are included on a mature equivalent basis. 3. Debt to equity represents the total debt divided by the total equity. 4. The return on total assets represents the net income divided by the total assets, stated at cost. For the nine month periods presented, it has been annualized.

EXPLANATION OF INCOM	E AND COST FACTORS
Basis of presentation	Information is included both on a "per head" basis and a "per hundredweight of milk" basis. The "per head" statistics are based on the total average number of milking and dry cows in a herd for the period.
Milk sales	Includes milk income, quality and production bonuses, patronage dividends, and USDA program payments.
Calves and other income	This is primarily composed of the sale of calves, heifers, other livestock and equipment, and net crop income.
Feed	Grain includes all minerals and BST expense.
Labor	Includes wages and fringe costs such as payroll taxes, workers' compensation insurance, medical insurance, union benefits, etc. Compensation to owner-employees or partners is not included.
Herd replacement cost	Represents the difference between the actual price paid for purchased cows (or estimated cost of self-raised cows) at the time the cows were added to the milking herd less the sales price received for cows disposed of. This difference is amortized over the productive life of the cows.
Occupancy cost	Includes property taxes and depreciation of buildings on owner occupied facilities, rent paid and depreciation of improvements on leased facilities. It does not include interest paid on real property.
Miscellaneous cost	Includes auto and truck expenses, insurance, professional fees, quality penalties and other dairy expenses not otherwise classified.
Net income	Is stated before a provision for income taxes or a return on the dairy owner's investment.

OUR FIRM AND THE DAIRY INDUSTRY

Moore Stephens Wurth Frazer and Torbet, LLP has been associated with the dairy industry since the early 1950's. At that time, many immigrants from Europe were arriving in California's "Dairy Valley" and establishing their farming operations. These early dairies averaged 50 cows and the families provided most of the labor.

Moore Stephens Wurth Frazer and Torbet, LLP's partners, situated in "Dairy Valley", were instrumental in the creation of federal and state laws to help dairymen. We have consistently supported pro-agricultural organizations in their efforts to help shape policy and better the living and working environments for dairy families.

As development expanded in the dairy farming area, our firm helped many dairies relocate throughout California and other Western states. Many families we are servicing now have their third generation stepping into the operation's management. We have grown with these families into their multiple operations, often totaling 10,000 cows or more. Today, Moore Stephens Wurth Frazer and Torbet, LLP has clients in California, Arizona, Texas, New Mexico, Colorado, Idaho, Nevada, Oregon, Washington and Kansas. Also, we actively consult with many dairies throughout the United States.

As we look to the future, the trend to larger more efficient dairies will continue. Along with this trend, the dairy industry is facing continued challenges in its expansion and relocation activities including the ability to construct new dairies. The dairy industry brings many jobs to an area and allows associated businesses to grow and flourish. This creates further conflict between the local communities and the environmentalists.

The environmental issues are extremely important and the dairies need to monitor and control the impact on the surrounding community including air quality, water quality and odor issues. The regulatory controls and enforcement will increase in impact to the dairies in 2006.

All of these factors culminate in a substantial amount of capital required to maintain a dairy farm and will put increasing pressure on dairy operators to make critical financial decisions. Moore Stephens Wurth Frazer and Torbet, LLP will be instrumental in providing the assistance needed to make these decisions.

We are proud of our dairy clients' social, political and charitable contributions to their communities.

NOTES

		10-10



MOORE STEPHENS WURTH FRAZER AND TORBET, LLP

Certified Public Accountants and Consultants

Creating New Horizons By Building Relationships and Exceeding Expectations

1199 South Fairway Drive, 2nd Floor, Walnut, California 91789

P.O. Box 3949, City of Industry, California 91744

(909) 594-2713

Fax (909) 594-2357

2250 West Main St., Suite B, Visalia, California 93291

(559) 732-4135 · Fax (559) 732-7140

171 S. Anita Drive, Suite 100, Orange, California 92868

(714) 634-1040 · Fax (714) 937-5184

www.mswft.com