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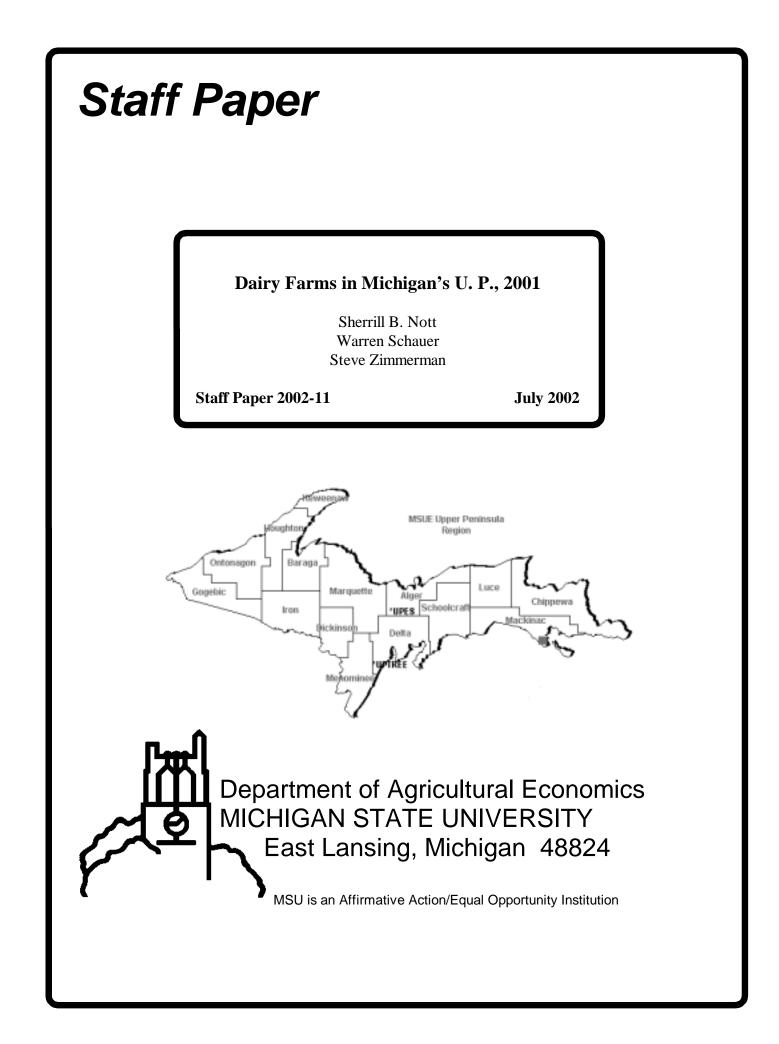
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DAIRY FARMS IN MICHIGAN'S U. P., 2001

Michigan Data from Telfarm/MicroTel, and Farm Credit Services Staff Paper No. 2002-11, 16 pages

by

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Introduction

A.

The body of this report is organized as follows:

- I. Introduction and Table of Contents for Upper Peninsula (U. P.) Dairy Farms
 - A. List of Tables
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II. List and sequence of Tables

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Data Source

Farm types were assigned using the 1992 Census of Agriculture's Standard Industrial Classification (SIC) definitions. Basically, any farm with 50 percent or more of value of farm sales from one item becomes a farm of that type. Dairy farms have 50 percent or more of value of combined sales from milk and cull dairy animals.

This report is a summary of the financial and production records kept by U.P. dairy farmers enrolled in the Telfarm/MicroTel record program through Michigan State University Extension, or were

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accounting clients of Farm Credit Services. Farm records were included if a Finan² summary was completed on 2001 data including beginning and ending balance sheets, plus income and expenses. The summary was included if cash discrepancy was less than 10% of gross cash inflow, and if the debt discrepancy was less than \$1,000. The averages are reported in the tables below; it should be recognized that considerable variability exists in the data. The unweighted mean of the net farm income for the 26 farms was \$53,386; the standard deviation of the mean was \$53,052 and the median was \$45,902. The unweighted mean of milk sold per cow for the 26 farms was 17,313 lbs.; the standard deviation of the mean was 3,277 lbs. and the median was 17,900 lbs.

This report has two purposes: 1) to provide statistical information about the financial results on U.P. dairy farms during 2001; and 2) to provide production costs for comparative analysis and forward planning.

RankEm³ allows rapid analysis of group averages with some degree of choice over how the results are presented. We prefer to show the average of the high or low 33 percent by net income, but only if the 33 percent means 6 or more farms. The farm was accepted in the average regardless of whether the farm was a proprietorship, partnership, limited liability company, or corporation. RankEm will produce a variety of report options; a subset is given in this publication.

The farms included in the averages below were not a random sample. They kept their financial records on a supervised system and received a variety of off-farm management help. The averages may be representative of bigger and better managed U.P. dairy farms.

This document may be found and downloaded from the following:

http://www.msu.edu/user/nott

² Finan = financial analysis, one of the parts of Finpack, a financial software package from the Center for Farm Financial Management at the University of Minnesota.

³ Rankem = software from the Center for Farm Financial Management at the University of Minnesota. It provides group statistics from Finan data.

Table 1

LIVESTOCK AND CROP PRODUCTION SUMMARY Dairy Farms in Michigan's Upper Peninsula, 2001 (Farms sorted by Net Farm Income)

	Avg. Of <u>All Farms</u>	Low 33%	<u>High 34%</u>
Number of farms	26	8	9
Dairy Summary			
Average number of cows	127	139	144
Milk sold per cow, lbs.	17,313	17,907	17,281
Average milk price per cwt.	\$15.09	\$14.31	\$15.31
Acreage Summary			
Total acres owned	607	588	673
Total crop acres	710	784	873
Crop acres owned	414	393	476
Crop acres cash rented	297	391	397
Crop acres share rented	-	-	-

FARM INCOME STATEMENT Dairy Farms in Michigan's Upper Peninsula, 2001 (Farms sorted by Net Farm Income)

	Avg. Of <u>All Farms</u>	Low 33%	<u>High 34%</u>
Number of farms	26	8	9
Cash Farm Income			
Cordwood	921	1,120	1,665
Corn	308	-	-
Hay, Mixed	1,337	249	1,083
Straw	115	-	17
Miscellaneous crop income	10	-	-
Beef Cow-Calf, Beef Calves	352	-	1,017
Beef, Background Beef	254	826	-
Dairy, Milk	329,390	362,790	385,892
Dairy, Dairy Calves	1,305	1,397	1,306
Dairy Heifers (for sale)	574	-	330
Dairy Replacement Heifers	198	244	329
Dairy Steers	11,754	16,480	10,648
Sheep, Market Lambs, Mkt Lambs	221	-	638
Cull breeding livestock	17,244	20,466	21,380
Misc. livestock income	1,382	-	4
Other government payments	13,347	17,226	13,930
Custom work income	5,382	16,152	-
Patronage dividends, cash	1,269	629	2,729
Insurance income	11,880	21,607	12,830
Other farm income	8,879	16,934	3,895
Gross Cash Farm Income	406,122	476,120	457,693

FARM INCOME STATEMENT (Continued) Dairy Farms in Michigan's Upper Peninsula, 2001 (Farms sorted by Net Farm Income)

	Avg. Of		
	All Farms	Low 33%	Hiqh 34%
Number of Farms	26	8	9
		-	
Cash Farm Expense			
Seed	7,202	10,659	5,999
Fertilizer	15,679	30,350	11,143
Crop chemicals	5,733	11,909	3,002
Crop insurance	79	38	196
Crop miscellaneous	569	479	629
Feeder livestock purchase	1,279	-	702
Purchased feed	85,991	94,982	96,185
Breeding fees	2,745	3,030	3,462
Veterinary	6,940	8,777	8,291
BST	1,073	2,903	519
Livestock supplies	15,767	16,653	17,521
DHIA	. 97	131	-
Livestock marketing	6,226	6,262	8,200
Interest	19,726	27,406	13,717
Fuel & oil	12,691	14,001	13,873
Repairs	24,691	38,866	23,993
Custom hire	10,211	13,498	9,023
Hired labor	46,556	61,438	57,759
Land rent	8,474	10,262	7,613
Machinery & bldg leases	2,481	3,766	667
Real estate taxes	5,250	5,829	5,554
Personal property taxes	305	_	_
Farm insurance	5,038	6,223	3,461
Utilities	9,387	12,787	9,624
Dues & professional fees	3,751	4,683	4,027
Miscellaneous	12,764	14,294	12,489
Total cash expense	310,704	399,224	317,652
Net cash farm income	95,417	76,896	140,041
	,		
Inventory Changes			
Crops and feed	-8,657	-19,143	-3,044
Market livestock	802	706	-1,070
Accounts receivable	6,838	4,690	8,319
Prepaid expenses and supplies	112	-1,540	1,193
Accounts payable	2,935	-3,145	12,663
Total inventory change	2,031	-18,432	18,062
Net operating profit	97,448	58,464	158,103
Depreciation and Other Capital Adjust	tments		
Breeding livestock	7,347	-9,370	19,110
Machinery and equipment	-35,552	-39,032	-45,134
Buildings and improvements	-15,737	-13,235	-17,337
Other farm capital	-160	1,145	-632
Total depr. and other capital adj	-44,102	-60,492	-43,992
Net farm income	53,346	-2,029	114,111

INVENTORY CHANGES Dairy Farms in Michigan's Upper Peninsula, 2001 (Farms sorted by Net Farm Income)

	Avg. Of <u>All Farms</u>	Low 33%	High 34%
Number of farms	26	8	9
Net cash farm income	95,417	76,896	140,041
Crops and Feed Ending inventory Beginning inventory Inventory change	66,218 74,874 -8,657	79,265 98,408 -19,143	73,035 76,079 -3,044
Market Livestock Ending inventory Beginning inventory Inventory change	14,980 14,178 802	20,225 19,519 706	12,110 13,179 -1,070
Accts Receivable & Other Current Ass Ending inventory Beginning inventory Inventory change	ets 22,652 15,814 6,838	22,703 18,014 4,690	21,524 13,205 8,319
Prepaid Expenses and Supplies Ending inventory Beginning inventory Inventory change	10,145 10,033 112	15,984 17,524 -1,540	11,473 10,280 1,193
Accounts Payable & Accrued Expenses Beginning inventory Ending inventory Inventory change	10,137 7,202 2,935	634 3,778 -3,145	21,364 8,701 12,663
Total inventory change	2,031	-18,432	18,062
Net operating profit	97,448	58,464	158,103

DEPRECIATION AND OTHER CAPITAL ADJUSTMENTS Dairy Farms in Michigan's Upper Peninsula, 2001

(Farms sorted by Net Farm Income)

	Avg. Of <u>All Farms</u>	Low 33%	<u>High 34%</u>
Number of farms	26	8	9
Net operating profit	97,448	58,464	158,103
Breeding Livestock Ending inventory Capital sales Beginning inventory Capital purchases Depreciation, capital adjust.	282,383 272 264,341 10,967 7,347	295,775 883 294,269 11,759 -9,370	311,086 2 291,900 78 19,110
Machinery and Equipment Ending inventory Capital sales Beginning inventory Capital purchases Depreciation, capital adjust.	99,978 880 96,001 40,409 -35,552	137,321 1,198 131,805 45,745 -39,032	103,974 1,476 98,903 51,681 -45,134
Buildings and Improvements Ending inventory Capital sales Beginning inventory Capital purchases Depreciation, capital adjust.	121,753 - 101,291 36,199 -15,737	106,214 109,055 _10,394 _13,235	97,331 - 103,326 11,342 -17,337
Other Capital Assets Ending inventory Capital sales Beginning inventory Capital purchases Depreciation, capital adjust.	54,324 162 53,378 1,267 -160	130,436 346 127,599 2,038 1,145	11,223 160 10,366 1,649 -632
Total depreciation, capital adj.	-44,102	-60,492	-43,992
Net farm income	53,346	-2,029	114,111

PROFITABILITY MEASURES Dairy Farms in Michigan's Upper Peninsula, 2001 (Farms sorted by Net Farm Income)

	Avg. Of <u>All Farms</u>	Low 33%	<u>High 34%</u>
Number of farms	26	8	9
Profitability (assets valued at cost) Net farm income Labor and management earnings Rate of return on assets Rate of return on equity Operating profit margin Asset turnover rate	53,346 31,012 2.8 % 0.1 % 6.4 % 44.2 %	-2,029 -22,022 -1.7 % -13.7 % -4.1 % 40.0 %	114,111 85,580 8.6 % 10.2 % 16.2 % 53.0 %
Interest on farm net worth Farm interest expense Value of operator lbr and mgmt. Return on farm assets Average farm assets Return on farm equity Average farm equity Value of farm production	22,334 20,366 52,835 20,877 735,832 511 368,958 325,416 Avg. Of	19,994 29,487 42,255 -14,796 894,947 -44,283 322,563 358,022	28,531 13,717 65,624 62,203 725,373 48,487 475,511 384,800
	All Farms	Low 33%	<u>High 34%</u>
Number of farms	26	8	9
Profitability (assets valued at market) Net farm income Labor and management earnings Rate of return on assets Rate of return on equity Operating profit margin Asset turnover rate	93,276 43,676 5.1 % 4.9 % 18.7 % 27.3 %	29,325 -17,631 1.2 % -1.7 % 4.6 % 26.4 %	179,719 126,498 11.2 % 12.9 % 33.2 % 33.8 %
Interest on farm net worth Farm interest expense Value of operator lbr and mgmt. Return on farm assets Average farm assets Return on farm equity Average farm equity Value of farm production	49,600 20,366 52,835 60,807 ,193,544 40,441 826,670 325,416	46,956 29,487 42,255 16,558 1,354,989 -12,930 782,605 358,022	53,221 13,717 65,624 127,812 1,136,886 114,095 887,024 384,800

LIQUIDITY MEASURES Dairy Farms in Michigan's Upper Peninsula, 2001 (Farms Sorted By Net Farm Income)

	Avg. Of <u>All Farms</u>	Low 33%	<u>High 34%</u>
Number of farms	26	8	9
Liquidity (cash) Net cash farm income Net nonfarm income Family living and taxes Real estate principal payments Cash available for interm. debt Average intermediate debt Years to turnover interm. debt	95,417 9,717 42,960 8,868 53,306 116,835 2.2	76,896 5,466 22,246 10,162 49,954 121,617 2.4	140,041 9,587 69,067 12,110 68,451 107,668 1.6
Expense as a % of income Interest as a % of income	2.2 77 % 5 %	84 % 6 %	69 % 3 %
Liquidity (accrual) Total accrual farm income Total accrual operating expense Net accrual operating income Net nonfarm income Family living and taxes Real estate principal payments Available for intermediate debt Average intermediate debt	405,105 307,657 97,448 9,717 42,960 8,868 55,337 116,835	462,373 403,909 58,464 5,466 22,246 10,162 31,522 121,617	461,899 303,796 158,103 9,587 69,067 12,110 86,513 107,668
Years to turnover interm. debt Expense as a % of income Interest as a % of income	2.1 76 % 5 %	3.9 87 % 6 %	1.2 66 % 3 %

BALANCE SHEET AT COST VALUES Dairy Farms in Michigan's Upper Peninsula, 2001

(Farms sorted by Net Farm Income)

	Avg. <u>All F</u> a		Low	33%	Hig	<u>h 34%</u>
Number of farms	20	5		8		9
	Beginning	Ending	Beginning	Ending	Beginning	Ending
Assets Current Farm Assets						
Cash and checking balance	15,550	5,939	4,606	-664	8,867	8,418
Prepaid expenses & supplies	10,033	10,145		15,984	10,280	11,473
Growing crops	1,971	2,012		15,984	10,280	504
Accounts receivable	13,327	19,871		21,203		20,520
Hedging accounts	13,327	19,0,1		21,205		20,520
Crops held for sale or feed	74,874	66,218		79,265		73,035
Crops under government loan	0	00,210		0	0,0,0,9	, 3, 039
Market livestock held for sale	14,178	14,980	19,519	20,225	13,179	12,110
Other current assets	516	769	1,313	1,500	10,11,0	500
Total current farm assets	130,450	119,934		137,514	-	126,560
Intermediate Farm Assets						
Breeding livestock	264,341	282,383	294,269	295,775	291,900	311,086
Machinery and equipment	96,001	99,978		137,321	98,903	103,974
Other intermediate assets	38,930	38,954	120,789	122,581	1,694	2,177
Total intermediate farm assets	399,271	421,315	546,863	555,677	392,496	417,236
Long Term Farm Assets		F2 001	50.000	00.045	00 450	04.005
Farm land	74,012	73,821		82,947	89,473	84,995
Buildings and improvements	101,291	121,753	,	106,214	103,326	97,331
Other long-term assets	14,448	15,370		7,855	8,672	9,046
Total long-term farm assets	189,751	210,944		197,016	201,472	191,372
Total Farm Assets	719,473	752,192	899,688	890,207	715,578	735,168
Total Nonfarm Assets	16,220	20,972	13,662	18,546	13,528	13,477
Total Assets	735,692	773,165	913,349	908,753	729,107	748,645
Liabilities						
Current Farm Liabilities	-	640	0	0 001	0	0
Accrued interest	7	647		2,081	0	0
Accounts payable	10,130 45,144	6,555	634 94,792	1,697		8,701 19,272
Current notes	45,144 0	36,010 0	94,792 0	75,277 0	25,115 0	19,272
Government crop loans Principal due on term debt	30,183	27,276		33,017		24,773
Total current farm liabilities	85,464	70,487		112,072	83,908	52,746
Total intermediate farm liabs	84,707	108,350	77,395	120,848	79,500	94,461
Total long term farm liabilities	189,455	195,285		342,402	101,625	87,484
Total farm liabilities	359,627	374,122	569,447	575,322	265,032	234,691
Total nonfarm liabilities	4,305	4,256	0	0	6,111	6,111
Total liabilities	363,932	378,377	569,447	575,322	271,144	240,802
Net workly (form and nonform)	291 960	204 700	242 002	222 421	457 062	
Net worth (farm and nonfarm) Net worth change	371,760	394,788 23,027		333,431 -10,472	457,963	507,843 49,880
Ratio Analysis						
Current farm liabilities / assets	66 %	59 %		81 %	69 %	42 %
Curr. & interm farm liab. / assets		33 %		34 %	32 %	27 %
Long term farm liab. / assets	100 %	93 %		174 %	50 %	46 %
Total debt to asset ratio	49 %	49 %	62 %	63 %	37 %	32 %

BALANCE SHEET AT MARKET VALUES Dairy Farms in Michigan's Upper Peninsula, 2001 (Farms sorted by Net Farm Income)

	,	•		,		
	Av	g. Of				
		Farms	Low 33%		High 34%	
Number of farms		26		8		9
	Beginning	Ending	Beginning	Ending	Beginning	Ending
Assets						
Current Farm Assets						
Cash and checking balance	15,550			-664	,	8,418
Prepaid expenses & supplies	10,033		17,524	15,984	10,280	11,473
Growing crops	1,971	2,012		0		504
Accounts receivable	13,327	19,871	16,701	21,203	13,012	20,520
Hedging accounts	0			0		0
Crops held for sale or feed	74,874	66,218	98,408	79,265	76,079	73,035
Crops under government loan	0			0		0
Market livestock held for sale	14,178	14,980		20,225		12,110
Other current assets	516		1,313	1,500		500
Total current farm assets	130,450	119,934	158,071	137,514	121,610	126,560
Intermediate Farm Assets						
Breeding livestock	264,341					311,086
Machinery and equipment	204,998	211,510	256,688	266,000	187,166	197,404
Other intermediate assets	50,407	50,119			1,694	2,177
Total intermediate farm assets	519,746	544,011	674,072	686,481	480,759	510,667
Long Term Farm Assets						
Farm land	347,363	381,812	365,475	387,013		
Buildings and improvements	145,108	168,339	139,625	147,063	172,980	185,813
Other long-term assets	14,553	15,773	6,810	7,855	9,562	10,585
Total long-term farm assets	507,024	565,924	511,910	541,930	491,917	542,259
Total Farm Assets	1,157,220	1,229,869	1,344,053	1,365,925	1,094,287	1,179,485
Total Nonfarm Assets	46,603					46,457
Total Assets	1,203,823	1,283,395	1,371,935	1,400,640	1,139,500	1,225,942
Liabilities						
Current Farm Liabilities						
Accrued interest	7	647	0	2,081	0	0
Accounts payable	10,130			,		
Current notes	45,144	36,010	94,792	75,277	25,115	19,272
Government crop loans	0			0		0
Principal due on term debt	30,183	27,276	33,879	33,017		
Total current farm liabilities	85,464	70,487	129,305	112,072	83,908	52,746
Total intermediate farm liabs	84,707	108,350	77,395	120,848	79,500	94,461
Total long term farm liabilities	189,455	195,285	362,747	342,402	101,625	87,484
Total farm liabilities	359,627	374,122	569,447	575,322	265,032	234,691
Total nonfarm liabilities	4,305	4,256	0	0	6,111	6,111
Total liabs excluding deferreds	363,932	378,377	569,447	575,322	271,144	240,802
Total deferred liabilities	0	0	0	0	0	0
Total liabilities	363,932	378,377	569,447	575,322	271,144	240,802
Retained earnings	371,760	394,788	343,903	333,431	457,963	507,843
Market valuation equity	468,131	510,230	458,586	491,887	410,393	477,297
Net worth (farm and nonfarm)	839,891	905,018	802,488	825,318	868,356	985,140
Net worth excluding deferreds	839,891	905,018	802,488	825,318	868,356	985,140
Net worth change		65,127		22,830		116,783
Ratio Analysis						
Current farm liabilities / assets	66 %		82 %	81 %	69 %	42 %
Curr. & interm farm liab. / assets	26 %		25 %	28 %		23 %
Long term farm liab. / assets	37 %		71 %	63 %		16 %
Total debt to asset ratio	30 %		42 %	41 %		20 %
Debt to assets excl deferreds	30 %	29 %	42 %	41 %	24 %	20 %

STATEMENT OF CASH FLOWS Dairy Farms in Michigan's Upper Peninsula, 2001 (Farms Sorted By Net Farm Income)

	Avg. Of All Farms	Low 33%	High 34%
Number of farms	26	8	9
Beginning cash (farm & nonfarm)	15,639	4,606	8,867
Cash From Operating Activities Gross cash farm income Net nonfarm income Total cash farm expense Apparent family living expense Income and social security tax Cash from operations	406,122 9,717 -310,704 -35,998 -6,962 62,174	476,120 5,466 -399,224 -19,968 -2,278 60,116	-50,771
Cash From Investing Activities Sale of breeding livestock Sale of machinery & equipment Sale of farm land Sale of farm buildings Sale of other farm assets Sale of nonfarm assets Purchase of breeding livestock Purchase of machinery & equip. Purchase of farm land Purchase of farm buildings Purchase of other farm assets Purchase of nonfarm assets Cash from investing activities	$\begin{array}{r} 272\\ 880\\ 3,425\\ -\\ 162\\ -\\ -10,967\\ -40,409\\ -2,000\\ -36,199\\ -1,267\\ -2,672\\ -88,775\end{array}$	883 1,198 11,133 - 346 - 11,759 -45,745 -6,500 -10,394 -2,038 -5,238 -68,115	1,476 - - - - - - - - - - - - - - - - - - -
Cash From Financing Activities Money borrowed Cash gifts and inheritances Principal payments Dividends paid Gifts given Cash from financing activities Net change in cash balance	87,684 813 -70,302 -1,294 16,901 -9,700	56,280 -53,550 _ 2,730 -5,270	-222 -17,900
Ending cash (farm & nonfarm)	5,939	-664	8,418

FINANCIAL STANDARDS MEASURES Dairy Farms in Michigan's Upper Peninsula, 2001 (Farms Sorted By Net Farm Income)

	Avg. Of <u>All Farms</u>	Low 33%	<u>High 34%</u>
Number of farms	26	8	9
Liquidity Current ratio Working capital	1.70 49,447	1.23 25,442	2.40 73,814
Solvency (market) Farm debt to asset ratio Farm equity to asset ratio Farm debt to equity ratio	30 % 70 % 44 %	42 % 58 % 73 %	20 % 80 % 25 %
Profitability (cost) Rate of return on farm assets Rate of return on farm equity Operating profit margin Net farm income	2.8 % 0.1 % 6.4 % 53,346	-1.7 % -13.7 % -4.1 % -2,029	16.2 %
Repayment Capacity Term debt coverage ratio Capital replacement margin	174 % 34,099	113 % 7,804	247 % 62,164
Efficiency Asset turnover rate (cost) Operating expense ratio Depreciation expense ratio Interest expense ratio Net farm income ratio	44.2 % 70.9 % 10.9 % 5.0 % 13.2 %	40.0 % 81.0 % 13.1 % 6.4 % -0.4 %	62.8 % 9.5 %

OPERATOR AND LABOR INFORMATION Dairy Farms in Michigan's Upper Peninsula, 2001 (Farms Sorted By Net Farm Income)

	Avg. Of <u>All Farms</u>	Low 33%	<u>High 34%</u>
Number of farms	26	8	9
Operator Information Average number of operators	1.5	1.3	1.7
Results Per Operator Working capital Total assets (market) Total liabilities Net worth (market) Net worth excl deferred liabs	32,964 855,597 252,251 603,345 603,345	20,354 1,120,512 460,258 660,255 660,255	44,288 735,565 144,481 591,084 591,084
Gross farm income Total farm expense Net farm income	270,070 234,506 35,564	369,898 371,521 -1,623	277,139 208,673 68,466
Net nonfarm income Family living withdrawals	6,478 28,640	4,373 17,797	5,752 41,440
Total acres owned Total crop acres Crop acres owned Crop acres cash rented Crop acres share rented Total pasture acres	404.7 473.5 275.8 197.7 _	627.1 314.6	403.5 523.7 285.3 238.4
Labor Analysis Number of farms Total unpaid labor hours Total hired labor hours Total labor hours per farm Unpaid hours per operator Value of farm production / hour Net farm income / unpaid hour	26 5,407 4,374 9,781 3,604 33.27 9.87	8 4,625 5,790 10,415 3,700 34.38 -0.44	9 6,507 4,793 11,301 3,904 34.05 17.54

FINANCIAL SUMMARY Dairy Farms in Michigan's Upper Peninsula, 2001 (Farms Sorted By Net Farm Income)

(i units c				
	Avg. Of	T are 22%	II - arla 249	
Number of farms	<u>All Farms</u> 26	<u>Low 33%</u> 8	<u>High 34%</u> 9	
Income Statement	20	0	9	
	106 100	176 100	157 602	
Gross cash farm income	406,122	476,120	457,693	
Total cash farm expense	310,704	399,224	317,652	
Net cash farm income	95,417	76,896		
Inventory change	2,031	-18,432		
Depreciation and capital adjust	-44,102	-60,492		
Net farm income	53,346	-2,029	114,111	
Profitability (cost)	21 010	~~ ~~~	05 500	
Labor and management earnings	31,012			
Rate of return on assets	2.8 %			
Rate of return on equity	0.1 %			
Operating profit margin	6.4 %			
Asset turnover rate	44.2 %	40.0 %	53.0 %	
Profitability (market)		10 601	106 400	
Labor and management earnings	43,676	-17,631		
Rate of return on assets	5.1 %	1.2 %		
Rate of return on equity	4.9 %			
Operating profit margin	18.7 %			
Asset turnover rate	27.3 %	26.4 %	33.8 %	
- 1 1 1 1				
Liquidity	100 0 0	112 0 0		
Term debt coverage ratio	173.7 %			
Expense as a percent of income	75.9 %			
Interest as a percent of income	5.0 %	6.4 %	3.0 %	
Solvency (cost)	0.5	0	0	
Number of farms	26	8	9	
Ending farm assets	752,192	890,207		
Ending farm liabilities	374,122	575,322	234,691	
Ending total assets	773,165	908,753		
Ending total liabilities	378,377	575,322		
Ending net worth	394,788	333,431		
Net worth change	23,027			
Ending farm debt to asset ratio	50 %	65 %		
Beg total debt to asset ratio	49 %	62 %		
End total debt to asset ratio	49 %	63 %	32 %	
Solvency (market)	0.6	0	•	
Number of farms	26	8	9	
Ending farm assets	1,229,869	1,365,925		
Ending farm liabilities	374,122	575,322	234,691	
Ending total assets	1,283,395	1,400,640		
Ending total liabilities	378,377	575,322	240,802	
Ending net worth	905,018	825,318	985,140	
Net worth change	65,127	22,830	116,783	
Ending farm debt to asset ratio	30 %	42 %	20 %	
Beg total debt to asset ratio	30 %	42 %	24 %	
End total debt to asset ratio	29 %	41 왕	20 %	
Nonfarm Information				
Net nonfarm income	9,717	5,466	9,587	