

*Livestock Enterprise Analysis
(Farms Sorted By Enterprise Size)*

Dairy -- Average Per Cow

	<i>Avg. Of All Farms</i>	<i>Up to 50</i>	<i>50 100</i>	<i>100 200</i>	<i>200 500</i>	<i>Over 500</i>
Number of farms	264	24	67	78	63	32
Milk sold	6,097.61	4,325.56	5,141.22	5,395.41	6,107.75	6,562.66
Dairy Calves sold	49.57	21.19	44.23	39.51	39.26	61.55
Transferred out	62.04	103.45	70.94	64.50	52.22	64.55
Cull sales	274.86	283.76	278.26	285.27	280.40	266.74
Insurance income	11.71	3.99	9.69	12.24	19.09	7.42
Government payments	32.14	34.03	45.08	46.34	42.63	18.12
Other income	-5.30	41.25	67.19	36.74	42.21	-64.45
Purchased	-37.37	-42.96	-27.22	-25.26	-24.21	-51.61
Transferred in	-78.61	-61.74	-72.42	-75.09	-87.07	-76.08
Inventory change	40.28	-7.84	-23.52	-16.34	28.65	80.37
Dairy repl cost	-742.81	-689.72	-687.60	-698.08	-719.13	-785.01
Gross margin	5,704.13	4,010.98	4,845.85	5,065.25	5,781.79	6,084.25
Direct Expenses						
Protein Vit Minerals	952.94	649.62	849.42	779.26	903.93	1,073.58
Complete Ration	547.55	10.37	250.77	402.24	696.76	572.63
Corn	415.42	352.99	316.52	334.03	413.56	464.60
Corn Silage	482.65	314.04	351.90	440.92	477.40	528.73
Hay, Alfalfa	226.44	278.18	212.14	277.86	220.76	212.51
Other feed stuffs	262.34	543.73	509.85	344.92	197.59	222.59
Breeding fees	49.45	47.57	43.49	43.01	45.68	55.22
Veterinary	101.28	59.15	83.51	83.40	111.62	105.47
Supplies	158.10	156.05	164.60	144.80	164.74	157.58
Fuel & oil	125.98	112.06	116.90	132.91	136.76	118.66
Repairs	210.99	230.49	185.48	224.65	216.25	206.53
Custom hire	87.42	42.09	46.84	52.44	73.61	117.10
Hired labor	354.55	57.32	70.04	133.56	291.61	531.78
Hauling and trucking	119.03	130.10	97.44	87.56	113.45	137.16
Bedding	83.68	32.54	81.63	92.88	89.84	78.47
Miscellaneous	164.36	204.75	192.77	183.01	164.67	151.33
Total direct expenses	4,342.18	3,221.04	3,573.28	3,757.46	4,318.23	4,733.92
Return over direct expense	1,361.94	789.94	1,272.58	1,307.78	1,463.56	1,350.33
Overhead Expenses						
Hired labor	137.80	47.17	83.70	94.00	210.09	119.63
Interest	93.73	129.98	105.14	109.19	110.28	74.56
Mach & bldg depreciation	212.80	225.39	202.60	226.78	213.61	208.65
Miscellaneous	233.33	280.32	232.52	256.16	251.04	212.54
Total overhead expenses	677.66	682.87	623.96	686.14	785.02	615.38
Total dir & ovhd expenses	5,019.85	3,903.90	4,197.23	4,443.60	5,103.25	5,349.30
Net return	684.28	107.07	648.62	621.65	678.54	734.95
Labor & management charge	202.85	481.08	355.75	292.58	230.25	118.24
Net return over lbr & mgt	481.43	-374.00	292.87	329.07	448.30	616.71
Cost of Production Per Cwt. Of Milk						
Total direct expense per unit	17.23	18.20	16.69	16.76	17.02	17.55
Total dir & ovhd expense per unit	19.92	22.06	19.60	19.83	20.11	19.83
With other revenue adjustments	21.55	23.94	21.14	21.40	21.47	21.65
With labor and management	22.36	26.66	22.80	22.71	22.38	22.09
Est. labor hours per unit	36.34	41.12	33.83	34.67	36.75	36.96
Other Information						
Number of cows	259.0	41.7	79.7	142.4	314.4	972.8
Milk produced per cow	25,202	17,699	21,412	22,413	25,378	26,976
Lbs of protein & fat per cow	1,836	1,276	1,519	1,618	1,841	1,983
Culling percentage	29.7	30.2	29.8	29.3	28.5	30.6
Turnover rate	36.4	37.8	37.1	36.1	35.6	36.9
Cows per milking unit	22	8	12	13	23	35
Feed cost per cwt. of milk	11.46	12.14	11.63	11.51	11.47	11.40
Feed cost per cow	2,887.34	2,148.93	2,490.59	2,579.24	2,909.98	3,074.62
Hired labor per cow	492.36	104.49	153.74	227.56	501.70	651.41
Avg. milk price per cwt.	24.34	24.48	24.24	24.22	24.23	24.46
Milk price / feed margin	12.89	12.34	12.61	12.71	12.76	13.06

Livestock Enterprise Analysis (continued)
(Farms Sorted By Enterprise Size)

Dairy -- Average Per Cow

Data Source(s):

Mn State College & University South, 137 farms
Mn State College & University North, 123 farms
MN Other, 2 farms
Southwest Minnesota Farm Business Management Association, 2 farms

Report Summary

1. Report number	354230
2. Location	
State:	All
3. Farm Characteristics	
Year(s):	2022
Livestock unit:	Per Cow

Suggested citation:

FINBIN (2023). Center for Farm Financial Management: University of Minnesota.
Retrieved from <http://finbin.umn.edu> (originally created April 4, 2023).

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