

U.S. milk production cash costs and returns, per cwt, 1980-92

Item	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
Dollars per cwt													
Gross value of production:													
Milk	12.95	13.69	13.52	13.50	13.38	12.69	12.48	12.48	12.20	13.53	13.70	12.24	13.15
Cattle	1.38	1.25	1.14	1.09	1.07	1.08	1.01	1.17	1.24	1.35	1.43	1.36	1.27
Other income 1/	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.14	0.14	0.16
Total, gross value of production	14.33	14.94	14.66	14.59	14.45	13.74	13.47	13.65	13.44	15.01	15.27	13.73	14.58
Cash expenses:													
Feed--													
Concentrates	3.35	3.45	3.28	3.43	3.47	3.35	3.19	3.05	3.42	3.75	3.68	3.66	3.43
By-products						0.21	0.20	0.18	0.22	0.27	0.28	0.29	0.29
Hay 2/	0.86	0.80	0.86	0.85	0.82	1.10	1.04	0.99	1.37	1.24	1.18	1.04	1.06
Silage 2/	0.61	0.56	0.54	0.56	0.58	0.58	0.57	0.53	0.82	0.93	0.86	0.86	0.81
Pasture and other forage	0.04	0.04	0.04	0.04	0.04	0.06	0.06	0.06	0.07	0.09	0.09	0.09	0.09
Other--													
Milk hauling and marketing 3/	0.43	0.45	0.45	0.44	0.45	0.58	0.56	0.61	0.61	0.56	0.58	0.57	0.59
Artificial insemination	0.10	0.11	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.13
Veterinary and medicine	0.19	0.20	0.20	0.21	0.22	0.20	0.20	0.20	0.20	0.21	0.21	0.20	0.23
Livestock hauling	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.02	0.02	0.02	0.02
Fuel, lube, and electricity	0.38	0.40	0.40	0.37	0.33	0.32	0.22	0.23	0.22	0.27	0.29	0.29	0.28
Machinery and building repairs	0.33	0.35	0.37	0.37	0.37	0.40	0.39	0.38	0.38	0.50	0.54	0.48	0.49
Hired labor	0.77	0.83	0.87	0.85	0.91	0.69	0.68	0.68	0.89	0.71	0.72	0.75	0.77
DHA fees	0.04	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
Dairy supplies 4/	0.18	0.19	0.19	0.19	0.19	0.21	0.19	0.19	0.20	0.21	0.21	0.21	0.20
Dairy assessment	0.00	0.00	0.00	0.48	0.50	0.13	0.36	0.19	0.03	0.00	0.01	0.05	0.13
Other variable cash expenses 5/	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.07	0.07	0.06
Total, variable cash expenses	7.30	7.45	7.39	7.98	8.07	8.04	7.86	7.51	8.44	9.00	8.92	8.76	8.64
General farm overhead	0.46	0.54	0.60	0.50	0.60	0.53	0.59	0.70	0.81	0.44	0.53	0.48	0.45
Taxes and insurance	0.34	0.37	0.35	0.36	0.34	0.37	0.35	0.35	0.39	0.39	0.37	0.39	0.39
Interest	1.29	1.52	1.56	1.55	1.63	1.41	1.23	1.03	1.02	0.77	0.83	0.78	0.66
Total, fixed cash expenses	2.09	2.43	2.51	2.41	2.57	2.31	2.17	2.08	2.22	1.60	1.73	1.65	1.50
Total, cash expenses	9.39	9.88	9.90	10.39	10.64	10.35	10.03	9.59	10.66	10.60	10.65	10.41	10.14
Gross value of production less cash expenses	4.94	5.06	4.76	4.20	3.80	3.39	3.43	4.06	2.78	4.41	4.62	3.32	4.44

U.S. milk production economic costs and returns, per cwt, 1980-92

Item	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
Dollars per cwt													
Gross value of production:													
Milk	12.95	13.69	13.52	13.50	13.38	12.69	12.48	12.48	12.20	13.53	13.70	12.24	13.15
Cattle	1.38	1.25	1.14	1.09	1.07	1.08	1.01	1.17	1.24	1.35	1.43	1.36	1.27
Other income	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.14	0.14	0.16
Total, gross value of production	14.33	14.94	14.66	14.59	14.45	13.74	13.47	13.65	13.44	15.01	15.27	13.73	14.58
Economic (full ownership) costs:													
Variable cash expenses	7.30	7.45	7.39	7.98	8.07	8.04	7.86	7.51	8.44	9.00	8.92	8.76	8.64
General farm overhead	0.46	0.54	0.60	0.50	0.60	0.53	0.59	0.70	0.81	0.44	0.53	0.48	0.45
Taxes and insurance	0.34	0.37	0.35	0.36	0.34	0.37	0.35	0.35	0.39	0.39	0.37	0.39	0.39
Capital replacement	1.61	1.64	1.57	1.56	1.54	1.86	1.80	1.55	1.67	1.48	1.70	1.35	1.29
Operating capital	0.13	0.15	0.12	0.12	0.12	0.08	0.05	0.08	0.08	0.09	0.08	0.06	0.04
Other nonland capital	1.09	1.10	1.04	0.99	0.93	0.53	0.51	0.57	0.85	0.77	0.97	0.86	0.87
Land	0.35	0.37	0.36	0.36	0.36	0.17	0.14	0.13	0.17	0.42	0.39	0.40	0.38
Unpaid labor	1.37	1.48	1.51	1.48	1.55	1.68	1.68	1.65	1.67	1.72	1.77	1.84	1.88
Total, economic costs	12.64	13.08	12.94	13.32	13.52	13.07	12.76	12.52	13.88	14.31	14.73	14.14	13.94
Residual returns to management and risk	1.69	1.86	1.72	1.27	0.93	0.68	0.71	1.13	-0.44	0.70	0.54	-0.41	0.64

1/ Includes the dairy enterprise share of receipts from cooperative patronage dividends, assessment refunds, renting or leasing of dairy animals, manure sales, and insurance indemnity payments.

2/ Includes the dairy enterprise share of expenses for bedding and litter, and custom manure hauling and disposal. Note: Survey base changed in 1989.

