
MILK PRODUCTION

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APRIL MILK PRODUCTION DOWN FROM PREVIOUS YEAR

April milk production totaled 10.7 billion pounds (4.85 million metric tons), down less than 1 percent from April 1977. Average production per cow was 982 pounds, 6 pounds more than a year earlier and 36 pounds more than April 1976. Milk cows were estimated at 10.9 million head during April, off 1 percent from last year.

MILK-FEED PRICE RATIO DOWN

The April milk-feed price ratio was 1.62, down from 1.68 in March. The decline in the ratio from last month was due to lower milk prices and higher feed costs.

SPECIAL IN THIS ISSUE

Feeding Rates - 1977, Ration Values and Milk-
Feed Price Ratios - 1976 and 1977.

MILK COWS AND MILK PRODUCTION BY MONTHS, UNITED STATES

MONTH	MILK COWS ^{1/}			MILK PER COW ^{2/}			MILK PRODUCTION ^{2/}			% CHANGE 1978 FROM 1977
	1976	1977	1978	1976	1977	1978	1976	1977	1978	
	THOUSANDS			POUNDS			MILLION POUNDS			PERCENT
JAN	11,087	11,036	10,931	866	898	914	9,600	9,914	9,988	101
FEB ^{3/}	11,076	11,025	10,915	839	847	856	9,290	9,337	9,341	100
MAR	11,062	11,012	10,883	929	961	967	10,281	10,586	10,528	99
APR	11,061	11,002	10,883	946	976	982	10,464	10,743	10,686	99
JAN - APR TOTAL							39,635	40,580	40,543	100
MAY	11,049	10,991		1,006	1,035		11,110	11,373		
JUN	11,049	10,975		978	1,004		10,806	11,021		
JUL	11,052	10,970		945	975		10,444	10,693		
AUG	11,049	10,976		917	947		10,129	10,397		
SEP	11,039	10,972		870	898		9,607	9,850		
OCT	11,045	10,955		872	899		9,626	9,844		
NOV	11,044	10,952		836	861		9,231	9,429		
DEC	11,035	10,939		877	893		9,681	9,770		
ANNUAL	11,055	10,984		10,879	11,194		120,269	122,957		

^{1/} INCLUDES DRY COWS. EXCLUDES HEIFERS NOT YET FRESH.

^{2/} EXCLUDES MILK SUCKED BY CALVES.

^{3/} THE EXTRA DAY IN FEBRUARY 1976 ADDED 3.6 PERCENT TO MONTHLY OUTPUT.

MILK-FEED PRICE RATIOS, MILK PRICES, AND RATION VALUES, BY REGIONS AND UNITED STATES, APRIL 1978, WITH COMPARISONS ^{1/}

REGION	MILK-FEED PRICE RATIO ^{2/}			ALL MILK PRICE PER CWT. :			RATION VALUE ^{3/}		
	APR 1977	MAR 1978	APR 1978	APR 1977	MAR 1978	APR 1978	APR 1977	MAR 1978	APR 1978
	P O U N D S			D O L L A R S					
N ATL	1.35	1.56	1.53	9.61	10.40	10.30	7.12	6.65	6.75
N CENT	1.44	1.72	1.67	9.12	9.82	9.84	6.34	5.70	5.90
S ATL	1.47	1.66	1.62	10.60	11.40	11.40	7.20	6.85	7.05
S CENT	1.41	1.66	1.62	9.73	10.70	10.60	6.88	6.45	6.55
WEST	1.49	1.74	1.69	9.42	10.10	10.00	6.37	5.80	5.90
U S	1.42	1.68	1.62	9.43	10.20	10.10	6.63	6.08	6.23

^{1/} DATA FOR CURRENT MONTH ARE PRELIMINARY. ^{2/} POUNDS OF CONCENTRATE RATION EQUAL IN VALUE TO 1 POUND MILK SOLD TO PLANTS. ^{3/} VALUE PER 100 POUNDS OF CONCENTRATE RATION FED TO MILK COWS.

APRIL 1978 MILK COWS AND MILK PRODUCTION

STATE	MILK COWS 1/			MILK PER COW 2/			MILK PRODUCTION 2/			1978 AS PCT OF 1977
	1976	1977	1978	1976	1977	1978	1976	1977	1978	
	THOUSANDS			POUNDS			MILLION POUNDS			PERCENT
ALABAMA	89	85	85	670	720	690	60	61	59	97
ARKANSAS	86	89	90	725	740	680	62	66	61	92
CALIFORNIA	808	821	837	1205	1220	1200	974	1002	1004	100
COLORADO	72	70	70	990	1030	1025	71	72	72	100
FLORIDA	200	199	197	885	905	925	177	180	182	101
GEORGIA	128	129	129	860	885	860	110	114	111	97
IDAHO	143	141	139	860	895	920	123	126	128	102
ILLINOIS	239	235	227	905	930	890	216	219	202	92
INDIANA	210	208	207	890	920	900	187	191	186	97
IOWA	392	387	379	860	945	905	337	366	343	94
KANSAS	141	140	139	875	915	875	123	128	122	95
KENTUCKY	282	279	274	750	780	780	212	218	214	98
LOUISIANA	137	134	128	745	775	800	102	104	102	98
MARYLAND	141	139	134	930	980	980	131	136	131	96
MICHIGAN	406	402	402	945	975	985	384	392	396	101
MINNESOTA	878	874	830	990	1025	1025	869	896	851	95
MISSISSIPPI	116	113	109	680	700	720	79	79	78	99
MISSOURI	304	304	282	840	875	860	255	266	243	91
NEBRASKA	145	135	127	860	880	860	125	119	109	92
NEW YORK	913	914	910	1010	960	1010	922	877	919	105
N. CAROLINA	147	151	143	920	930	940	135	140	134	96
N. DAKOTA	113	108	100	750	800	770	85	86	77	90
OHIO	396	399	398	965	990	1010	382	395	402	102
OKLAHOMA	117	116	114	830	870	840	97	101	96	95
OREGON	92	93	93	935	990	1010	86	92	94	102
PENNSYLVANIA	704	703	699	900	945	960	634	664	671	101
TENNESSEE	211	210	209	910	890	925	192	187	193	103
TEXAS	320	316	314	910	950	960	291	300	301	100
UTAH	78	78	77	990	1015	1030	77	79	79	100
VERMONT	194	192	191	980	970	1030	190	186	197	106
VIRGINIA	174	174	174	915	935	945	159	163	164	101
WASHINGTON	180	176	184	1120	1230	1250	202	216	230	106
WISCONSIN	1810	1799	1811	985	1040	1050	1783	1871	1902	102
OTHER 17 3/										
STATES	695	689	681	909	945	930	632	651	633	97
UNITED STATES	11061	11002	10883	946	976	982	10464	10743	10686	99

1/ INCLUDES DRY COWS. EXCLUDES HEIFERS NOT YET FRESH.

2/ EXCLUDES MILK SUCKED BY CALVES.

3/ INCLUDES STATES FOR WHICH INDIVIDUAL MONTHLY ESTIMATES ARE NOT AVAILABLE.

QUANTITY AND VALUE OF GRAIN AND OTHER CONCENTRATES
FED TO MILK COWS, BY STATES, 1977 ^{1/}

STATE	ANNUAL QUANTITY FED TO MILK COWS			ANNUAL AVERAGE VALUE OF FEED PER CWT	ANNUAL AVERAGE FEED VALUE PER CWT OF MILK
	TOTAL	PER COW	PER CWT OF MILK		
	1,000 TONS	POUNDS		DOLLARS	
ALA	181	4,260	53	6.95	3.68
ARIZ	188	5,430	41	6.10	2.50
ARK	156	3,490	42	6.44	2.70
CALIF	2,452	5,930	41	5.98	2.45
COLO	182	5,130	43	5.46	2.35
CONN	128	4,920	41	6.82	2.80
DEL	261	4,340	38	6.86	2.61
FLA	570	5,750	58	5.93	3.44
GA	347	5,370	54	6.86	3.70
IDAHO	272	3,860	34	5.31	1.81
ILL	521	4,450	42	6.23	2.62
IND	465	4,470	41	6.22	2.55
IOWA	975	5,050	46	5.70	2.62
KANS	358	5,110	49	5.42	2.66
KY	617	4,440	50	6.47	3.24
LA	316	4,790	58	6.79	3.94
MAINE	141	4,840	44	7.09	3.12
MD	332	4,810	42	7.01	2.94
MASS	120	4,710	40	6.86	2.74
MICH	929	4,610	39	5.81	2.27
MINN	1,849	4,270	39	5.60	2.18
MISS	228	4,060	53	6.72	3.56
MO	739	4,960	50	5.97	2.99
MONT	58	4,260	39	5.53	2.16
NEBR	372	4,240	42	5.36	2.25
NEV	32	4,430	32	5.91	1.89
N H	65	4,160	38	6.87	2.61
N J	105	4,450	38	7.03	2.67
N MEX	96	6,180	45	6.02	2.71
N Y	1,842	4,030	36	6.83	2.46
N C	366	4,840	44	7.06	3.11
N DAK	184	3,430	39	5.00	1.95
OHIO	956	4,780	42	6.37	2.68
OKLA	286	4,920	51	6.01	3.07
OREG	195	4,190	37	6.70	2.48
PA	164	4,650	42	6.85	2.88
R I	11	4,220	37	6.93	2.56
S C	136	4,840	51	7.15	3.65
S DAK	359	4,200	43	5.56	2.39
TENN	485	4,660	48	6.88	3.30
TEX	977	6,200	58	6.02	3.49
UTAH	174	4,560	38	5.50	2.09
VT	390	4,060	37	7.07	2.62
VA	365	4,220	38	7.18	2.73
WASH	447	5,080	35	6.45	2.26
W VA	65	3,420	39	7.25	2.83
WIS	3,893	4,320	37	5.93	2.19
WYO	22	3,680	35	5.50	1.93
U S	24,372	4,709	42.1	6.21	2.61

^{1/} ESTIMATES FOR ALL PLACES WHERE MILK PRODUCED, EITHER FOR SALE OR FOR HOME USE.

VALUE PER 100 POUNDS OF CONCENTRATE RATION FED TO MILK COWS,
BY STATES AND MONTHS, 1976 1/

STATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	AVERAGE
DOLLARS													
ALA	6.65	6.55	6.45	6.40	6.60	7.00	7.20	7.10	7.30	7.00	6.90	6.90	6.84
ARIZ	6.45	6.45	6.60	6.45	6.55	6.40	6.50	6.50	6.55	6.70	6.65	6.45	6.52
ARK	6.35	6.45	6.40	6.30	6.35	6.65	6.60	6.55	6.65	6.55	6.70	6.90	6.54
CALIF	6.20	6.30	6.35	6.30	6.25	6.35	6.60	6.60	6.50	6.30	6.15	6.20	6.34
COLO	6.15	6.00	5.95	5.95	5.90	6.20	6.50	6.35	6.35	6.15	5.95	5.95	6.12
CONN	6.45	6.50	6.50	6.45	6.50	6.70	6.80	6.90	7.15	7.10	7.10	7.20	6.78
DEL	6.45	6.45	6.50	6.50	6.65	7.00	7.15	7.10	7.15	7.05	6.95	6.85	6.82
FLA	5.55	5.60	5.45	5.55	5.70	5.80	5.90	6.15	6.10	6.10	6.05	6.00	5.83
GA	6.40	6.45	6.55	6.45	6.55	6.70	6.90	6.80	7.10	7.00	6.85	6.95	6.73
IDAHO	5.75	5.90	5.95	5.80	5.80	5.85	5.95	5.80	5.65	5.50	5.30	5.15	5.70
ILL	5.70	5.85	5.95	5.90	6.00	6.10	6.25	6.20	6.40	6.20	6.00	6.25	6.07
IND	6.15	6.25	6.20	6.10	6.20	6.40	6.50	6.40	6.50	6.20	6.00	6.15	6.25
IOWA	6.20	6.10	6.00	5.90	5.95	6.05	6.15	6.05	6.05	5.75	5.50	5.65	5.95
KANS	5.60	5.65	5.65	5.60	5.65	5.85	6.10	5.95	6.05	5.75	5.50	5.60	5.75
KY	6.70	6.75	6.70	6.70	6.75	6.85	6.95	7.00	6.95	6.85	6.75	6.85	6.82
LA	6.80	6.80	6.70	6.70	6.75	6.95	7.10	7.15	7.35	7.25	7.05	7.15	6.98
MAINE	6.75	6.80	6.80	6.75	6.80	6.95	6.95	7.00	7.25	7.50	7.40	7.45	7.03
MD	6.30	6.40	6.50	6.45	6.70	7.00	7.15	7.20	7.20	6.95	6.85	6.80	6.79
MASS	6.50	6.50	6.50	6.40	6.50	6.70	6.80	6.95	7.20	7.15	7.15	7.25	6.80
MICH	5.75	5.90	6.00	6.10	6.20	6.30	6.35	6.10	6.15	6.00	5.75	5.85	6.04
MINN	5.95	6.10	6.05	5.95	6.05	6.15	6.20	6.10	6.20	6.00	5.70	5.80	6.02
MISS	6.45	6.50	6.40	6.40	6.50	6.70	6.70	6.60	6.65	6.60	6.70	6.75	6.58
MO	6.25	6.25	6.20	6.15	6.20	6.35	6.50	6.45	6.45	6.20	5.90	6.00	6.24
MONT	6.40	6.30	6.05	5.95	6.00	6.05	6.05	5.80	5.90	5.75	5.80	5.65	5.98
NEBR	5.70	5.70	5.65	5.60	5.70	5.95	6.15	6.05	6.05	5.85	5.55	5.55	5.79
NEV	6.60	6.60	6.55	6.40	6.35	6.50	6.60	6.60	6.55	6.25	6.15	6.30	6.45
N H	6.65	6.65	6.65	6.55	6.60	6.75	6.85	6.95	7.10	7.05	7.05	7.10	6.83
N J	6.70	6.75	6.65	6.55	6.75	6.85	7.05	7.00	7.15	7.15	7.15	7.25	6.92
N MEX	6.55	6.55	6.55	6.65	6.65	6.60	6.85	6.75	6.70	6.55	6.35	6.30	6.59
N Y	6.35	6.35	6.35	6.30	6.40	6.65	6.85	6.85	6.90	6.85	6.70	6.80	6.61
N C	6.90	6.80	6.65	6.70	6.80	7.10	7.25	7.15	7.10	7.05	6.90	7.00	6.95
N DAK	4.95	5.00	5.00	4.95	5.10	5.40	5.50	5.35	5.30	5.25	5.25	5.40	5.20
OHIO	6.05	6.10	6.05	6.00	6.20	6.35	6.50	6.40	6.45	6.25	6.00	6.15	6.21
OKLA	6.10	6.10	6.10	6.15	6.15	6.25	6.40	6.35	6.45	6.45	6.35	6.35	6.27
OREG	7.15	7.20	7.20	7.25	7.30	7.30	7.40	7.45	7.45	7.35	7.15	6.85	7.25
PA	6.15	6.25	6.25	6.20	6.35	6.60	6.80	6.75	6.85	6.70	6.50	6.60	6.50
R I	6.70	6.70	6.65	6.50	6.50	6.60	6.60	6.70	7.00	7.10	7.05	7.10	6.77
S C	6.75	6.80	6.80	6.95	7.00	7.20	7.25	7.10	7.35	7.30	7.35	7.40	7.10
S DAK	5.70	5.65	5.65	5.65	5.90	6.25	6.35	6.15	6.15	5.95	5.85	5.95	5.93
TENN	6.55	6.70	6.65	6.55	6.65	6.80	7.00	6.95	7.10	7.00	6.90	7.00	6.82
TEX	6.30	6.25	6.30	6.30	6.35	6.50	6.65	6.40	6.45	6.30	6.00	6.10	6.33
UTAH	6.35	6.30	6.25	6.20	6.15	6.25	6.35	6.15	5.95	5.80	5.70	5.75	6.10
VT	6.75	6.80	6.80	6.75	6.80	6.95	7.00	7.10	7.35	7.30	7.30	7.45	7.03
VA	6.70	6.75	6.80	6.75	6.90	7.20	7.40	7.35	7.60	7.50	7.30	7.35	7.13
WASH	6.25	6.20	6.45	6.40	6.35	6.55	6.35	6.40	6.45	6.40	6.35	6.30	6.37
W VA	6.85	7.05	7.00	7.00	7.10	7.30	7.45	7.40	7.60	7.35	7.40	7.45	7.25
WIS	5.65	5.80	5.80	5.75	5.85	6.05	6.20	6.15	6.25	6.10	5.90	6.00	5.96
WYO	5.80	5.90	6.00	6.00	6.00	6.10	6.10	5.95	5.85	5.75	5.75	5.55	5.90
U S	6.11	6.18	6.17	6.13	6.21	6.38	6.52	6.47	6.53	6.38	6.20	6.28	6.31

1/ ESTIMATES OF RATION VALUES ARE BASED ON QUARTERLY REPORTS FROM DAIRY CORRESPONDENTS ON VALUE PER 100 POUNDS OF CONCENTRATE RATION BEING FED, WITH INTERVENING MONTHS INTERPOLATED ON BASIS OF MONTHLY REPORTS IN A FEW STATES, AND CHANGES IN PRICES OF FEEDS USUALLY INCLUDED IN THE RATIO.

VALUE PER 100 POUNDS OF CONCENTRATE RATION FED TO MILK COWS
BY STATES AND MONTHS, 1977 ^{1/}

STATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	AVERAGE
DOLLARS													
ALA	7.30	7.40	7.50	7.40	7.45	7.35	7.00	6.50	6.40	6.10	6.35	6.60	6.95
ARIZ	6.40	6.40	6.40	6.35	6.25	6.15	6.00	5.95	5.90	5.65	5.80	5.90	6.10
ARK	6.90	7.00	7.00	6.90	6.90	6.65	6.35	6.10	5.75	5.60	6.00	6.10	6.44
CALIF	6.20	6.50	6.20	6.45	6.40	6.20	5.95	5.75	5.50	5.40	5.60	5.55	5.98
COLO	5.70	5.70	5.75	5.85	5.75	5.65	5.50	5.25	5.10	4.90	5.10	5.25	5.46
CONN	7.30	7.50	7.15	7.15	7.35	7.15	6.75	6.30	5.90	6.25	6.35	6.65	6.82
DEL	6.90	6.95	7.05	7.25	7.20	7.10	6.95	6.75	6.55	6.50	6.55	6.60	6.86
FLA	6.00	6.05	6.10	6.30	6.40	6.45	6.30	5.90	5.50	5.30	5.25	5.60	5.93
GA	7.20	7.30	7.30	7.35	7.30	7.35	6.85	6.30	6.15	6.10	6.45	6.70	6.86
IDAHO	5.35	5.30	5.30	5.35	5.35	5.40	5.30	5.25	5.20	5.15	5.35	5.45	5.31
ILL	6.40	6.40	6.55	6.75	6.70	6.55	6.25	5.80	5.65	5.80	5.95	6.00	6.23
IND	6.25	6.30	6.45	6.65	6.70	6.50	6.30	6.00	5.75	5.80	5.95	6.00	6.22
IOWA	5.80	5.90	6.15	6.40	6.35	6.05	5.45	5.15	5.10	5.20	5.35	5.45	5.70
KANS	5.70	5.80	5.85	5.90	5.85	5.55	5.30	4.90	4.75	4.95	5.20	5.30	5.42
KY	6.90	6.90	6.95	7.00	7.05	6.80	6.35	5.95	5.85	5.70	5.95	6.25	6.47
LA	7.05	7.10	7.10	7.20	7.15	7.10	6.90	6.55	6.40	6.20	6.30	6.40	6.79
MAINE	7.55	7.75	7.45	7.45	7.65	7.40	7.05	6.55	6.25	6.45	6.60	6.95	7.09
MD	7.05	7.25	7.40	7.55	7.60	7.45	7.15	6.65	6.50	6.45	6.50	6.55	7.01
MASS	7.35	7.45	7.25	7.25	7.45	7.20	6.85	6.40	5.90	6.20	6.30	6.75	6.86
MICH	5.95	6.05	6.15	6.25	6.30	6.20	5.95	5.50	5.30	5.25	5.35	5.45	5.81
MINN	5.90	5.95	6.00	6.20	6.15	5.90	5.40	4.90	4.85	5.00	5.40	5.50	5.60
MISS	7.05	7.15	7.10	7.10	7.20	7.15	6.90	6.35	6.10	5.95	6.15	6.45	6.72
MO	6.05	6.15	6.25	6.40	6.35	6.25	6.05	5.75	5.50	5.45	5.60	5.80	5.97
MONT	5.85	5.70	5.75	5.75	5.75	5.65	5.45	5.35	5.25	5.20	5.30	5.40	5.53
NEBR	5.65	5.70	5.80	5.90	5.85	5.70	5.25	4.80	4.70	4.80	5.00	5.15	5.36
NEV	6.15	6.10	6.20	6.15	6.05	6.00	5.80	5.80	5.65	5.60	5.65	5.75	5.91
N H	7.25	7.45	7.20	7.20	7.40	7.20	6.85	6.35	6.05	6.25	6.40	6.85	6.87
N J	7.35	7.40	7.30	7.30	7.50	7.40	7.15	6.75	6.50	6.40	6.50	6.80	7.03
N MEX	6.35	6.25	6.25	6.25	6.20	6.10	6.05	6.00	5.85	5.55	5.65	5.70	6.02
N Y	7.00	7.20	7.15	7.10	7.20	7.15	6.95	6.60	6.35	6.25	6.40	6.65	6.83
N C	7.10	7.30	7.55	7.50	7.60	7.45	7.05	6.50	6.45	6.55	6.75	6.95	7.06
N DAK	5.45	5.50	5.55	5.60	5.55	5.30	4.75	4.40	4.35	4.45	4.50	4.55	5.00
OHIO	6.30	6.50	6.50	6.70	6.85	6.60	6.40	6.15	6.00	5.95	6.05	6.40	6.37
OKLA	6.25	6.55	6.45	6.30	6.25	6.10	5.90	5.60	5.65	5.50	5.70	5.85	6.01
OREG	6.90	6.95	7.10	6.90	7.00	7.00	6.85	6.40	6.30	6.30	6.30	6.45	6.70
PA	6.90	7.10	7.05	7.00	7.40	7.35	7.15	6.55	6.45	6.35	6.40	6.55	6.85
R I	7.25	7.40	7.10	7.15	7.80	7.50	7.20	6.75	5.80	6.15	6.25	6.75	6.93
S C	7.45	7.50	7.50	7.55	7.65	7.50	7.15	6.65	6.60	6.60	6.70	6.95	7.15
S DAK	6.00	6.05	6.10	6.15	6.10	6.00	5.70	5.05	4.80	4.85	4.95	5.00	5.56
TENN	7.10	7.30	7.35	7.30	7.40	7.25	6.95	6.45	6.20	6.05	6.45	6.70	6.88
TEX	6.10	6.20	6.25	6.50	6.45	6.30	6.00	5.65	5.60	5.55	5.70	5.95	6.02
UTAH	5.85	5.70	5.75	5.95	5.90	5.80	5.65	5.35	5.10	4.90	5.00	5.10	5.50
VT	7.55	7.80	7.45	7.45	7.70	7.45	7.10	6.60	6.20	6.30	6.40	6.85	7.07
VA	7.50	7.65	7.50	7.60	7.90	7.70	7.30	6.55	6.45	6.40	6.65	7.00	7.18
WASH	6.60	6.55	7.00	6.90	6.70	6.95	6.65	6.50	5.75	5.70	6.00	6.05	6.45
W VA	7.50	7.60	7.55	7.70	7.70	7.65	7.40	6.90	6.75	6.70	6.75	6.85	7.25
WIS	6.10	6.20	6.20	6.35	6.55	6.45	6.10	5.55	5.40	5.35	5.40	5.50	5.93
WYO	5.60	5.50	5.60	5.70	5.75	5.60	5.45	5.35	5.30	5.25	5.35	5.50	5.50
U S	6.39	6.52	6.52	6.63	6.69	6.56	6.26	5.85	5.67	5.64	5.79	5.94	6.21

^{1/} SEE FOOTNOTE ^{1/} ON PAGE 5.

MILK-FEED PRICE RATIOS, BY STATES AND MONTHS, 1976 1/

STATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	AVERAGE
POUNDS													
ALA	1.62	1.65	1.66	1.64	1.58	1.49	1.47	1.49	1.53	1.61	1.65	1.62	1.58
ARIZ	1.64	1.61	1.58	1.54	1.50	1.52	1.52	1.55	1.57	1.55	1.52	1.54	1.55
ARK	1.65	1.57	1.56	1.55	1.53	1.46	1.48	1.50	1.50	1.59	1.54	1.48	1.53
CALIF	1.55	1.47	1.45	1.45	1.44	1.42	1.39	1.42	1.43	1.47	1.53	1.55	1.46
COLO	1.76	1.78	1.82	1.73	1.71	1.63	1.54	1.62	1.64	1.76	1.82	1.82	1.72
CONN	1.75	1.69	1.68	1.55	1.51	1.44	1.51	1.58	1.57	1.62	1.56	1.47	1.58
DEL	1.71	1.67	1.65	1.54	1.49	2/							1.52
FLA	2.20	2.14	2.18	2.07	2.00	1.95	1.98	1.92	2.02	2.03	2.02	2.00	2.04
GA	1.72	1.71	1.62	1.67	1.57	1.52	1.52	1.54	1.54	1.59	1.59	1.53	1.59
IDAHO	1.63	1.53	1.51	1.55	1.52	1.50	1.51	1.59	1.60	1.65	1.73	1.76	1.59
ILL	1.74	1.60	1.60	1.55	1.52	1.46	1.46	1.51	1.46	1.52	1.60	1.50	1.54
IND	1.66	1.58	1.60	1.56	1.50	1.43	1.44	1.51	1.58	1.68	1.73	1.66	1.58
IOWA	1.55	1.49	1.53	1.52	1.47	1.44	1.46	1.52	1.49	1.58	1.64	1.58	1.52
KANS	1.80	1.67	1.66	1.63	1.58	1.50	1.48	1.56	1.56	1.67	1.74	1.69	1.63
KY	1.52	1.47	1.44	1.32	1.30	1.28	1.28	1.32	1.40	1.47	1.50	1.46	1.39
LA	1.68	1.60	1.61	1.60	1.60	1.55	1.54	1.52	1.54	1.61	1.63	1.51	1.58
MAINE	1.66	1.62	1.63	1.53	1.53	1.45	1.51	1.54	1.54	1.55	1.50	1.45	1.54
MD	1.75	1.69	1.65	1.55	1.48	1.40	1.40	1.40	1.44	1.53	1.53	1.53	1.52
MASS	1.71	1.66	1.65	1.56	1.52	1.46	1.53	1.58	1.57	1.61	1.57	1.48	1.57
MICH	1.81	1.75	1.70	1.59	1.52	1.47	1.50	1.59	1.61	1.68	1.74	1.69	1.63
MINN	1.55	1.41	1.45	1.45	1.41	1.37	1.41	1.47	1.41	1.45	1.52	1.48	1.45
MISS	1.66	1.60	1.58	1.52	1.52	1.46	1.49	1.53	1.61	1.67	1.61	1.51	1.57
MO	1.60	1.54	1.52	1.45	1.41	1.38	1.37	1.42	1.48	1.60	1.66	1.61	1.50
MONT	1.50	1.49	1.54	1.53	1.46	2/							1.58
NEBR	1.73	1.63	1.65	1.63	1.55	1.47	1.46	1.53	1.52	1.58	1.67	1.66	1.59
NEV	1.49	1.47	1.48	1.48	1.46	2/							1.47
N H	1.65	1.61	1.59	1.52	1.48	2/							1.55
N J	1.63	1.56	1.56	1.49	1.42	1.39	1.42	1.49	1.50	1.52	1.48	1.42	1.49
N MEX	1.69	1.66	1.65	1.61	1.56	2/							1.62
N Y	1.62	1.57	1.55	1.46	1.41	1.35	1.41	1.50	1.51	1.55	1.54	1.44	1.49
N C	1.59	1.65	1.59	1.55	1.53	1.45	1.43	1.45	1.51	1.53	1.57	1.54	1.53
N DAK	1.82	1.69	1.72	1.70	1.62	1.52	1.54	1.64	1.63	1.66	1.66	1.59	1.64
OHIO	1.74	1.67	1.69	1.59	1.50	1.44	1.44	1.52	1.58	1.66	1.75	1.67	1.59
OKLA	1.70	1.63	1.63	1.55	1.53	1.50	1.49	1.50	1.54	1.63	1.65	1.62	1.58
OREG	1.43	1.42	1.40	1.34	1.30	1.31	1.31	1.33	1.36	1.40	1.41	1.45	1.37
PA	1.79	1.71	1.70	1.65	1.56	1.48	1.49	1.54	1.56	1.61	1.66	1.59	1.60
R I	1.67	1.61	1.61	1.54	1.52	2/							1.58
S C	1.69	1.65	1.60	1.57	1.60	2/							1.59
S DAK	1.62	1.52	1.52	1.51	1.42	1.33	1.36	1.46	1.44	1.46	1.48	1.46	1.46
TENN	1.56	1.48	1.45	1.44	1.40	1.35	1.34	1.37	1.39	1.44	1.48	1.43	1.42
TEX	1.75	1.76	1.73	1.62	1.62	1.55	1.53	1.63	1.67	1.76	1.82	1.72	1.67
UTAH	1.56	1.52	1.55	1.49	1.50	1.45	1.45	1.54	1.58	1.66	1.68	1.65	1.55
VT	1.61	1.54	1.53	1.44	1.41	1.37	1.44	1.51	1.50	1.53	1.49	1.40	1.48
VA	1.58	1.54	1.53	1.47	1.42	1.35	1.32	1.36	1.36	1.39	1.44	1.41	1.43
WASH	1.60	1.56	1.50	1.51	1.47	1.42	1.49	1.52	1.53	1.53	1.53	1.52	1.51
W VA	1.58	1.50	1.50	1.39	1.37	2/							1.39
WIS	1.70	1.56	1.59	1.57	1.52	1.46	1.47	1.52	1.48	1.52	1.56	1.52	1.54
WYO	1.74	1.67	1.67	1.63	1.62	2/							1.67
U S	1.65	1.58	1.58	1.53	1.49	1.43	1.44	1.50	1.51	1.56	1.60	1.55	1.53

1/ SEE FOOTNOTE 1/ ON PAGE 5.

2/ MONTHLY MILK PRICE ESTIMATES DISCONTINUED.

MILK-FEED PRICE RATIOS, BY STATES AND MONTHS, 1977 1/

STATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	AVERAGE
POUNDS													
ALA	1.53	1.46	1.40	1.43	1.44	1.44	1.53	1.65	1.73	1.85	1.80	1.71	1.57
ARIZ	1.55	1.54	1.53	1.54	1.58	1.62	1.68	1.71	1.78	1.84	1.81	1.78	1.66
ARK	1.48	1.44	1.41	1.38	1.37	1.46	1.53	1.62	1.79	1.89	1.77	1.75	1.55
CALIF	1.56	1.46	1.52	1.47	1.50	1.56	1.61	1.69	1.79	1.87	1.82	1.86	1.63
COLO	1.88	1.82	1.83	1.74	1.74	1.79	1.82	1.96	2.06	2.16	2.12	2.06	1.90
CONN	1.45	1.40	1.43	1.40	1.32	1.38	1.56	1.73	1.90	1.81	1.80	1.67	1.55
DEL 2/													1.52
FLA	2.00	1.98	1.93	1.87	1.84	1.83	1.95	2.12	2.29	2.40	2.36	2.21	2.06
GA	1.46	1.44	1.40	1.39	1.41	1.41	1.52	1.67	1.76	1.79	1.71	1.63	1.53
IDAHO	1.69	1.68	1.69	1.66	1.66	1.63	1.67	1.70	1.75	1.80	1.75	1.74	1.69
ILL	1.46	1.45	1.40	1.38	1.38	1.41	1.49	1.61	1.70	1.70	1.66	1.67	1.52
IND	1.62	1.56	1.52	1.44	1.41	1.45	1.48	1.62	1.79	1.83	1.78	1.80	1.60
IOWA	1.54	1.50	1.43	1.41	1.40	1.46	1.62	1.75	1.82	1.82	1.79	1.77	1.59
KANS	1.68	1.63	1.60	1.58	1.59	1.68	1.76	1.92	2.11	2.02	1.98	1.96	1.77
KY	1.41	1.38	1.33	1.27	1.25	1.32	1.41	1.55	1.68	1.75	1.73	1.68	1.46
LA	1.52	1.48	1.44	1.42	1.45	1.51	1.55	1.66	1.73	1.81	1.81	1.73	1.58
MAINE	1.43	1.38	1.41	1.40	1.35	1.41	1.50	1.66	1.79	1.75	1.73	1.63	1.52
MD	1.49	1.42	1.38	1.34	1.32	1.37	1.41	1.53	1.62	1.66	1.68	1.66	1.48
MASS	1.44	1.41	1.41	1.41	1.33	1.39	1.53	1.70	1.90	1.84	1.81	1.66	1.56
MICH	1.66	1.60	1.55	1.53	1.50	1.52	1.59	1.72	1.83	1.88	1.86	1.85	1.66
MINN	1.45	1.42	1.41	1.41	1.42	1.48	1.62	1.80	1.86	1.84	1.71	1.69	1.57
MISS	1.45	1.40	1.37	1.37	1.35	1.38	1.45	1.59	1.74	1.80	1.77	1.66	1.52
MO	1.57	1.50	1.44	1.38	1.39	1.44	1.50	1.60	1.76	1.80	1.79	1.74	1.56
MONT 2/													1.80
NEBR	1.63	1.60	1.57	1.55	1.52	1.57	1.70	1.89	1.98	1.99	1.96	1.91	1.72
NEV 2/													1.65
N H 2/													1.54
N J	1.39	1.36	1.35	1.32	1.28	1.30	1.40	1.53	1.63	1.69	1.69	1.57	1.45
N MEX 2/													1.79
N Y	1.38	1.33	1.30	1.29	1.26	1.27	1.39	1.53	1.64	1.70	1.63	1.52	1.43
N C	1.54	1.49	1.43	1.41	1.41	1.44	1.52	1.65	1.71	1.68	1.66	1.61	1.54
N DAK	1.55	1.52	1.51	1.52	1.52	1.58	1.79	1.97	2.03	2.02	2.02	2.01	1.72
OHIO	1.60	1.51	1.50	1.41	1.35	1.41	1.45	1.56	1.68	1.73	1.74	1.67	1.54
OKLA	1.65	1.54	1.50	1.49	1.54	1.59	1.64	1.77	1.84	1.93	1.91	1.83	1.66
OREG	1.43	1.40	1.37	1.41	1.38	1.38	1.42	1.52	1.62	1.62	1.67	1.63	1.48
PA	1.51	1.46	1.45	1.43	1.34	1.36	1.43	1.59	1.66	1.72	1.72	1.66	1.52
R I 2/													1.54
S C 2/													1.59
S DAK	1.45	1.42	1.41	1.43	1.42	1.44	1.53	1.73	1.88	1.91	1.88	1.88	1.59
TENN	1.40	1.36	1.31	1.30	1.27	1.30	1.36	1.49	1.60	1.65	1.58	1.54	1.42
TEX	1.77	1.71	1.66	1.57	1.58	1.65	1.75	1.89	1.95	1.98	1.96	1.88	1.78
UTAH	1.60	1.61	1.60	1.55	1.54	1.59	1.62	1.72	1.87	1.97	1.95	1.93	1.70
VT	1.35	1.29	1.33	1.32	1.23	1.30	1.44	1.61	1.77	1.76	1.73	1.58	1.46
VA	1.39	1.35	1.37	1.34	1.28	1.31	1.38	1.56	1.61	1.64	1.61	1.53	1.43
WASH	1.44	1.45	1.36	1.40	1.40	1.36	1.46	1.47	1.69	1.75	1.68	1.69	1.50
W VA 2/													1.37
WIS	1.48	1.44	1.46	1.45	1.39	1.40	1.48	1.64	1.74	1.79	1.78	1.76	1.55
WYO													1.76
U S	1.51	1.46	1.45	1.42	1.40	1.43	1.52	1.65	1.76	1.79	1.76	1.72	1.57

1/ SEE FOOTNOTE 1/ ON PAGE 5.

2/ MONTHLY MILK PRICE ESTIMATES DISCONTINUED.