

MILK PRODUCTION

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APRIL MILK PRODUCTION SLIGHTLY BELOW PREVIOUS YEAR

April milk production totaled 10.6 billion pounds, slightly below April 1978. Accumulated production for the first 4 months of 1979 was 40.6 billion pounds, slightly above the same period last year.

Production per cow averaged 987 pounds, 7 pounds above a year earlier and 11 pounds above April 1977.

Total milk cows averaged 10.7 million head for April, off 1 percent from last year and 2 percent from April 1977.

SPECIAL IN THIS ISSUE

Feeding Rates, Ration Values and Milk Feed Price Ratios -
1977 and 1978

Quarterly Ration Values are published by States beginning
with this issue.

MILK COWS AND MILK PRODUCTION BY MONTHS, UNITED STATES

MONTH	MILK COWS 1/			MILK PER COW 2/			MILK PRODUCTION 2/			1979
	1977	1978	1979	1977	1978	1979	1977	1978	1979	AS % OF 1978
	THOUSANDS			POUNDS			MILLION POUNDS			PERCENT
JAN	11,026	10,923	10,848	897	915	925	9,887	9,994	10,035	100
FEB	11,018	10,903	10,819	844	852	867	9,301	9,287	9,379	101
MAR	11,004	10,877	10,779	961	967	979	10,572	10,523	10,555	100
APR	10,992	10,844	10,748	976	980	987	10,725	10,631	10,609	100
JAN - APR TOTAL							40,485	40,435	40,578	100
MAY	10,978	10,824		1,034	1,033		11,354	11,178		
JUN	10,961	10,808		1,003	1,004		10,989	10,851		
JUL	10,960	10,811		974	974		10,671	10,534		
AUG	10,968	10,821		945	944		10,363	10,213		
SEP	10,963	10,832		896	899		9,820	9,733		
OCT	10,945	10,837		899	907		9,838	9,832		
NOV	10,942	10,837		858	864		9,391	9,364		
DEC	10,933	10,853		895	902		9,787	9,788		
ANNUAL	10,974	10,848		11,181	11,240		122,698	121,928		

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

2/ EXCLUDES MILK SUCKED BY CALVES.

APRIL 1979 MILK COWS AND MILK PRODUCTION

STATE	MILK COWS 1/			MILK PER COW 2/			MILK PRODUCTION 2/			
	1977	1978	1979	1977	1978	1979	1977	1978	1979	1979 AS PCT OF 1978
	THOUSANDS			POUNDS			MILLION POUNDS			PERCENT
ALABAMA	85	85	83	720	690	650	61	59	54	92
ARKANSAS	91	89	88	745	720	730	68	64	64	100
CALIFORNIA	821	837	862	1220	1175	1160	1002	983	1000	102
COLORADO	70	72	72	1030	1025	985	72	74	71	96
FLORIDA	199	195	192	920	920	975	183	179	187	104
GEORGIA	129	129	127	685	875	890	114	113	113	100
IDAHO	141	140	142	895	930	960	126	130	136	105
ILLINOIS	235	227	235	950	890	870	223	202	204	101
INDIANA	208	204	198	920	900	940	191	184	186	101
IOWA	387	379	372	900	905	895	348	343	333	97
KANSAS	140	139	132	915	875	870	128	122	115	94
KENTUCKY	279	271	257	785	770	810	219	209	208	100
LOUISIANA	134	129	125	775	805	795	104	104	99	95
MARYLAND	139	134	130	970	980	975	135	131	127	97
MICHIGAN	402	402	394	975	990	1020	392	398	402	101
MINNESOTA	874	830	833	1025	1025	995	696	651	629	97
MISSISSIPPI	113	109	101	700	720	750	79	78	76	97
MISSOURI	304	277	269	865	860	860	263	238	231	97
NEBRASKA	135	127	117	880	860	900	119	109	105	96
NEW YORK	914	904	902	960	1030	1060	877	931	956	103
N. CAROLINA	145	143	143	945	940	950	137	134	136	101
N. DAKOTA	108	100	96	805	790	800	87	79	77	97
OHIO	399	387	372	970	950	960	387	368	357	97
OKLAHOMA	116	114	111	870	840	850	101	96	94	98
OREGON	93	93	92	990	1000	1000	92	93	92	99
PENNSYLVANIA	703	699	690	945	960	980	664	671	676	101
TENNESSEE	210	208	206	935	925	895	196	192	184	96
TEXAS	316	312	311	950	970	975	300	303	303	100
UTAH	78	76	75	1015	1040	1030	79	79	77	97
VERMONT	188	188	187	945	1010	1025	178	190	192	101
VIRGINIA	174	173	169	935	935	960	163	162	162	100
WASHINGTON	176	185	192	1230	1220	1220	216	226	234	104
WISCONSIN	1799	1811	1811	1040	1050	1050	1871	1902	1902	100
OTHER 17 3/ STATES	687	676	662	952	938	947	654	634	627	99
UNITED STATES	10992	10844	10748	976	980	987	10725	10631	10609	100

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.

VALUE PER 100 POUNDS OF CONCENTRATE RATION FED TO MILK COWS,
IN HERDS KEPT BY REPORTERS, APRIL 1, BY STATES

STATE	1977	1978	1979
	DOLLARS		
ALA	7.40	6.95	7.65
ARIZ	6.35	6.05	6.70
ARK	6.90	6.20	6.85
CALIF	6.45	5.85	6.40
COLO	5.85	5.55	6.05
CONN	7.15	6.55	7.45
DEL	7.25	6.85	7.30
FLA	6.30	5.90	6.50
GA	7.35	6.90	7.55
IDAHO	5.35	5.20	5.60
ILL	6.75	5.95	6.00
IND	6.65	6.25	6.60
IOWA	6.40	5.85	6.35
KANS	5.90	5.60	6.00
KY	7.00	6.60	7.15
LA	7.20	6.65	7.10
MAINE	7.45	6.90	7.70
MD	7.55	6.90	7.30
MASS	7.25	6.50	7.40
MICH	6.25	5.90	6.25
MINN	6.20	5.45	5.60
MISS	7.10	6.45	7.20
MO	6.40	6.00	6.55
MONT	5.75	5.40	5.20
NEBR	5.90	5.60	5.70
NEV	6.15	5.85	6.20
N H	7.20	6.65	7.10
N J	7.30	7.10	7.30
N MEX	6.25	5.90	6.50
N Y	7.10	6.75	7.25
N C	7.50	6.95	7.70
N DAK	5.60	4.80	4.75
OHIO	6.70	6.40	6.60
OKLA	6.30	5.95	6.40
OREG	6.90	6.45	6.75
PA	7.00	6.80	7.15
R I	7.00	6.50	7.35
S C	7.55	7.10	7.80
S DAK	6.15	5.50	5.75
TENN	7.30	6.80	7.30
TEX	6.50	5.95	6.55
UTAH	5.95	5.60	6.05
VT	7.45	6.65	7.70
VA	7.60	7.05	7.70
WASH	6.90	6.40	6.75
W VA	7.70	7.25	7.55
WIS	6.35	5.85	5.90
WYO	5.70	5.45	5.65
U S	6.62	6.14	6.51

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	ANNUAL AVERAGE
	TOTAL	PER COW	PER CWT OF MILK	VALUE OF FEED PER CWT	FEED VALUE 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	26	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	6.19	2.54
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	282	4,240	42	5.36	2.25
NEV	32	4,430	32	5.91	1.89
N H	65	4,160	38	6.88	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	4.95	1.93
OHIO	956	4,780	42	6.37	2.68
OKLA	286	4,920	51	6.01	3.07
OREG	195	4,190	37	6.68	2.47
PA	1,635	4,650	42	6.85	2.88
R I	11	4,220	37	6.87	2.54
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	25,518	4,709	42.1	6.20	2.61

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

QUANTITY AND VALUE OF GRAIN AND OTHER CONCENTRATES FED TO MILK COWS,
BY STATES, 1978 ^{1/}

STATE	ANNUAL QUANTITY FED TO MILK COWS			ANNUAL AVERAGE	ANNUAL AVERAGE
	TOTAL	PER COW	PER CWT OF MILK	VALUE OF FEED PER CWT	FEED VALUE PER CWT OF MILK
	1,000 TONS	POUNDS		DOLLARS	
ALA	185	4,400	56	6.76	3.79
ARIZ	220	6,460	49	6.18	3.03
ARK	166	3,720	46	6.28	2.89
CALIF	2,551	6,030	43	5.90	2.54
COLO	188	5,210	43	5.58	2.40
CONN	129	5,140	42	6.63	2.78
DEL	27	4,520	41	6.75	2.77
FLA	574	5,950	59	5.87	3.46
GA	368	5,700	57	6.83	3.89
IDAHO	294	4,200	36	5.29	1.90
ILL	505	4,370	42	5.89	2.47
IND	479	4,720	44	6.12	2.69
IOWA	948	5,030	47	5.73	2.69
KANS	357	5,170	51	5.50	2.81
KY	592	4,400	51	6.53	3.33
LA	314	4,900	59	6.72	3.96
MAINE	140	4,920	44	6.91	3.04
MD	331	4,940	43	6.84	2.94
MASS	112	4,650	39	6.61	2.58
MICH	1,030	5,110	43	5.76	2.48
MINN	1,863	4,450	41	5.38	2.21
MISS	226	4,260	54	6.49	3.50
MO	704	5,080	51	5.98	3.05
MONT	62	4,570	41	5.32	2.18
NEBR	279	4,500	44	5.36	2.36
NEV	34	4,610	36	5.83	2.10
N H	61	4,060	37	6.75	2.50
N J	105	4,670	40	6.88	2.75
N MEX	106	6,380	46	6.03	2.77
N Y	1,889	4,170	36	6.67	2.40
N C	368	5,150	47	6.96	3.27
N DAK	194	3,870	42	4.65	1.95
OHIO	920	4,790	43	6.28	2.70
OKLA	289	5,110	53	6.01	3.19
OREG	203	4,350	38	6.48	2.46
PA	1,656	4,730	42	6.72	2.82
R I	11	4,560	39	6.59	2.57
S C	136	5,010	53	7.02	3.72
S DAK	352	4,140	44	5.29	2.33
TENN	524	5,010	49	6.78	3.32
TEX	1,013	6,510	59	6.06	3.58
UTAH	173	4,550	37	5.55	2.05
VT	392	4,150	36	6.80	2.45
VA	399	4,640	42	7.08	2.97
WASH	483	5,190	36	6.35	2.29
W VA	69	3,720	40	7.14	2.86
WIS	4,039	4,460	38	5.65	2.15
WYO	22	3,900	37	5.41	2.00
U S	26,082	4,806	42.8	6.07	2.60

^{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, 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
COLD	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	5.60	6.19
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	6.20	6.25	6.40	6.85	6.88
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	4.25	4.40	4.30	4.95
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	6.25	6.20	6.68
PA	6.90	7.10	7.05	7.00	7.40	7.35	7.15	6.55	6.45	6.35	6.40	6.45	6.85
R I	7.20	7.40	7.00	7.00	7.75	7.50	7.10	6.75	5.75	6.05	6.20	6.70	6.87
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	6.51	6.52	6.62	6.70	6.56	6.25	5.84	5.66	5.62	5.79	5.92	6.20

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, 1978 1/

STATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	AVERAGE
	DOLLARS												
ALA	6.20	6.25	6.35	6.95	6.80	7.00	6.90	6.80	6.75	6.75	7.20	7.15	6.76
ARIZ	6.10	5.90	5.80	6.05	6.05	6.20	5.95	6.10	6.35	6.70	6.35	6.55	6.18
ARK	6.05	6.10	6.15	6.20	6.15	6.30	6.25	6.15	6.30	6.35	6.65	6.75	6.28
CALIF	5.60	5.75	5.70	5.85	5.85	5.95	6.00	5.90	5.95	6.05	6.10	6.15	5.90
COLO	5.20	5.45	5.40	5.55	5.65	5.85	5.80	5.55	5.40	5.65	5.75	5.75	5.58
CONN	6.80	6.55	6.55	6.55	6.50	6.70	6.55	6.35	6.40	6.60	6.90	7.10	6.63
DEL	6.60	6.55	6.65	6.85	6.70	6.95	6.90	6.75	6.60	6.60	6.85	7.00	6.75
FLA	5.70	5.60	5.55	5.90	5.80	5.95	5.85	5.75	5.90	6.00	6.10	6.30	5.87
GA	6.70	6.70	6.75	6.90	6.85	6.85	6.80	6.65	6.70	6.90	7.00	7.15	6.83
IDAHO	5.65	5.50	5.30	5.20	5.30	5.35	5.40	5.25	5.10	5.10	5.15	5.20	5.29
ILL	6.00	6.00	5.90	5.95	6.00	6.05	6.10	5.85	5.80	5.75	5.65	5.65	5.89
IND	5.65	5.55	5.95	6.25	6.20	6.35	6.30	6.05	6.20	6.25	6.30	6.40	6.12
IOWA	5.40	5.35	5.65	5.85	5.90	5.85	5.70	5.30	5.65	5.80	6.05	6.20	5.73
KANS	5.20	5.20	5.40	5.60	5.70	5.55	5.40	5.40	5.30	5.65	5.80	5.85	5.50
KY	6.30	6.25	6.45	6.60	6.45	6.70	6.50	6.40	6.45	6.65	6.80	6.85	6.53
LA	6.50	6.55	6.65	6.65	6.60	6.90	6.85	6.65	6.60	6.70	7.00	6.95	6.72
MAINE	7.05	6.85	6.85	6.90	6.85	6.85	6.75	6.55	6.65	6.90	7.25	7.45	6.91
MD	6.60	6.55	6.70	6.90	6.80	7.05	7.00	6.80	6.75	6.75	7.00	7.15	6.84
MASS	6.75	6.50	6.50	6.50	6.45	6.65	6.50	6.30	6.40	6.65	6.95	7.15	6.61
MICH	5.50	5.55	5.70	5.90	6.00	5.90	5.85	5.70	5.60	5.70	5.80	5.90	5.76
MINN	5.45	5.15	5.25	5.45	5.50	5.70	5.45	5.20	5.20	5.30	5.40	5.45	5.38
MISS	6.55	6.40	6.45	6.45	6.35	6.45	6.40	6.30	6.45	6.40	6.70	7.00	6.49
MO	5.85	5.75	5.95	6.00	5.95	6.10	6.15	5.75	5.75	5.95	6.25	6.35	5.98
MONT	5.45	5.50	5.70	5.40	5.35	5.35	5.30	5.10	5.20	5.25	5.00	5.20	5.32
NEBR	5.15	5.15	5.40	5.60	5.60	5.60	5.40	5.20	5.10	5.25	5.40	5.45	5.36
NEV	5.85	5.90	5.85	5.85	6.00	5.85	5.70	5.70	5.75	5.85	6.00	5.83	5.83
N H	6.90	6.65	6.65	6.65	6.60	6.80	6.60	6.40	6.50	6.80	7.10	7.30	6.75
N J	6.70	6.60	6.60	7.10	7.10	6.85	6.80	6.75	7.05	6.70	7.00	7.25	6.88
N MEX	5.70	5.75	5.80	5.90	6.00	6.05	6.10	6.10	6.15	6.20	6.25	6.40	6.03
N Y	6.80	6.65	6.65	6.75	6.60	6.70	6.70	6.50	6.50	6.55	6.70	6.90	6.67
N C	6.95	6.80	6.90	6.95	6.95	7.10	7.00	6.75	6.80	6.85	7.15	7.30	6.96
N DAK	4.60	4.70	4.70	4.80	5.00	4.85	4.60	4.40	4.40	4.40	4.50	4.60	4.65
OHIO	6.45	6.20	6.30	6.40	6.40	6.45	6.35	6.15	6.10	6.10	6.25	6.25	6.28
OKLA	5.95	5.95	5.90	5.95	6.00	5.95	6.00	5.85	5.95	6.05	6.20	6.35	6.01
OREG	6.45	6.35	6.25	6.45	6.55	6.40	6.70	6.55	6.50	6.55	6.50	6.55	6.48
PA	6.55	6.40	6.65	6.80	6.85	6.90	6.90	6.70	6.65	6.70	6.75	6.80	6.72
R I	6.75	6.50	6.50	6.50	6.45	6.65	6.45	6.25	6.35	6.65	6.95	7.10	6.59
S C	6.85	6.90	6.90	7.10	7.10	7.10	7.10	6.90	6.85	7.15	7.20	7.10	7.02
S DAK	5.25	5.10	5.30	5.50	5.60	5.50	5.10	4.90	5.00	5.20	5.40	5.65	5.29
TENN	6.50	6.60	6.70	6.80	6.60	6.90	6.80	6.70	6.80	6.90	7.00	7.05	6.78
TEX	5.90	6.00	6.00	5.95	6.00	6.05	6.00	6.10	6.05	6.05	6.30	6.30	6.06
UTAH	5.25	5.40	5.60	5.60	5.80	5.70	5.65	5.45	5.45	5.50	5.60	5.65	5.55
VT	6.90	6.65	6.65	6.65	6.60	6.80	6.70	6.50	6.60	6.90	7.20	7.40	6.80
VA	7.05	6.95	7.15	7.05	7.05	7.25	7.00	6.90	6.90	7.00	7.30	7.35	7.08
WASH	6.25	6.15	6.30	6.40	6.55	6.50	6.60	6.20	6.15	6.35	6.30	6.45	6.35
W VA	7.05	6.95	7.00	7.25	7.15	7.30	7.20	7.05	6.95	7.10	7.25	7.45	7.14
WIS	5.55	5.55	5.65	5.85	6.00	6.00	5.70	5.40	5.40	5.50	5.60	5.65	5.65
WYO	5.20	5.30	5.35	5.45	5.55	5.45	5.35	5.40	5.40	5.40	5.50	5.55	5.41
U S	5.96	5.91	6.00	6.14	6.16	6.23	6.13	5.93	5.96	6.05	6.18	6.26	6.07

1/ SEE FOOTNOTE 1/ ON PAGE 7.

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	1.93	1.61
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	2.12	2.07	2.13	1.74
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	1.68	1.69	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	1.69	1.52
R I ^{2/}													1.56
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	1.43	1.40	1.43	1.52	1.65	1.76	1.80	1.76	1.72	1.57

^{1/} SEE FOOTNOTE 1/ ON PAGE 7.

^{2/} MONTHLY MILK PRICE ESTIMATES DISCONTINUED.

MILK-FEED PRICE RATIOS, BY STATES AND MONTHS, 1978 1/

STATE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	AVERAGE
POUNDS													
ALA	1.85	1.86	1.80	1.58	1.65	1.60	1.62	1.69	1.75	1.76	1.75	1.78	1.72
ARIZ	1.72	1.80	1.84	1.77	1.79	1.74	1.83	1.82	1.78	1.73	1.87	1.85	1.80
ARK	1.79	1.77	1.72	1.68	1.69	1.65	1.71	1.74	1.78	1.84	1.79	1.81	1.75
CALIF	1.86	1.77	1.77	1.73	1.71	1.65	1.62	1.71	1.73	1.72	1.77	1.79	1.73
COLO	2.12	2.02	2.02	1.96	1.93	1.85	1.84	2.00	2.09	2.09	2.12	2.17	2.01
CONN	1.65	1.71	1.66	1.63	1.63	1.57	1.68	1.84	1.89	1.92	1.87	1.77	1.73
DEL 2/													1.67
FLA	2.18	2.23	2.22	2.07	2.12	2.10	2.14	2.26	2.27	2.25	2.21	2.17	2.18
GA	1.67	1.66	1.63	1.57	1.61	1.61	1.63	1.71	1.75	1.74	1.76	1.75	1.67
IDAHO	1.69	1.75	1.80	1.84	1.79	1.78	1.76	1.87	2.00	2.08	2.12	2.15	1.88
ILL	1.66	1.67	1.69	1.68	1.67	1.63	1.64	1.76	1.83	1.97	2.05	2.09	1.77
IND	1.86	1.89	1.76	1.65	1.66	1.61	1.62	1.74	1.65	1.84	1.90	1.92	1.75
IOWA	1.78	1.81	1.72	1.68	1.64	1.64	1.69	1.88	1.82	1.88	1.87	1.87	1.76
KANS	2.02	2.00	1.91	1.80	1.75	1.82	1.89	1.94	2.09	2.04	2.03	2.05	1.95
KY	1.60	1.62	1.57	1.47	1.47	1.42	1.46	1.55	1.64	1.67	1.69	1.75	1.61
LA	1.74	1.73	1.64	1.62	1.67	1.62	1.65	1.74	1.80	1.84	1.80	1.83	1.71
MAINE	1.60	1.65	1.64	1.59	1.62	1.61	1.67	1.77	1.82	1.83	1.77	1.72	1.68
MD	1.67	1.69	1.66	1.58	1.57	1.52	1.53	1.62	1.70	1.78	1.73	1.75	1.65
MASS	1.64	1.72	1.69	1.65	1.66	1.59	1.69	1.84	1.89	1.91	1.86	1.76	1.74
MICH	1.84	1.84	1.79	1.73	1.68	1.71	1.71	1.79	1.88	1.96	1.97	1.98	1.82
MINN	1.70	1.81	1.79	1.74	1.72	1.66	1.75	1.90	1.97	2.02	2.04	2.05	1.83
MISS	1.68	1.72	1.64	1.61	1.65	1.66	1.69	1.75	1.77	1.84	1.81	1.74	1.71
MO	1.71	1.76	1.66	1.62	1.61	1.58	1.58	1.73	1.79	1.85	1.84	1.84	1.71
MONT 2/													2.01
NEBR	1.94	1.94	1.85	1.77	1.75	1.71	1.81	1.96	2.08	2.13	2.13	2.17	1.92
NEV 2/													1.78
N H 2/													1.70
N J	1.60	1.62	1.61	1.48	1.46	1.52	1.56	1.66	1.65	1.79	1.74	1.70	1.61
N MEX 2/													1.91
N Y	1.49	1.52	1.49	1.45	1.47	1.45	1.51	1.66	1.72	1.79	1.78	1.70	1.57
N C	1.63	1.68	1.62	1.60	1.61	1.56	1.59	1.66	1.66	1.72	1.68	1.63	1.64
N DAK	1.98	1.93	1.95	1.92	1.83	1.88	2.00	2.17	2.26	2.29	2.28	2.37	2.05
OHIO	1.61	1.68	1.65	1.59	1.58	1.53	1.56	1.71	1.82	1.90	1.90	1.95	1.70
OKLA	1.83	1.82	1.81	1.73	1.72	1.75	1.75	1.83	1.88	1.92	1.95	1.94	1.83
OREG	1.61	1.64	1.66	1.61	1.59	1.61	1.54	1.63	1.69	1.74	1.83	1.83	1.67
PA	1.66	1.70	1.64	1.56	1.53	1.54	1.55	1.66	1.71	1.75	1.79	1.82	1.65
R I 2/													1.76
S C 2/													1.70
S DAK	1.79	1.85	1.77	1.71	1.67	1.67	1.82	1.98	2.06	2.06	2.04	1.96	1.85
TENN	1.60	1.59	1.54	1.47	1.56	1.48	1.50	1.54	1.59	1.62	1.66	1.69	1.56
TEX	1.93	1.90	1.88	1.85	1.85	1.85	1.87	1.87	1.93	2.00	1.98	2.02	1.91
UTAH	1.89	1.83	1.76	1.76	1.70	1.73	1.73	1.87	1.91	1.98	2.02	2.05	1.86
VT	1.57	1.64	1.59	1.56	1.58	1.51	1.61	1.75	1.80	1.81	1.75	1.66	1.65
VA	1.53	1.55	1.52	1.50	1.52	1.46	1.51	1.57	1.57	1.64	1.62	1.62	1.55
WASH	1.63	1.66	1.60	1.59	1.54	1.55	1.55	1.69	1.76	1.76	1.86	1.83	1.67
W VA 2/													1.50
WIS	1.74	1.75	1.73	1.69	1.64	1.63	1.73	1.89	1.96	2.03	2.05	2.06	1.82
WYO 2/													1.94
U S	1.71	1.72	1.70	1.64	1.64	1.61	1.65	1.77	1.81	1.87	1.88	1.88	1.75

1/ SEE FOOTNOTE 1/ ON PAGE 7.

2/ MONTHLY MILK PRICE ESTIMATES DISCONTINUED.

