

# MILK PRODUCTION

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Crop  
Reporting  
Board

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## SEPTEMBER MILK PRODUCTION UP 3.0 PERCENT

Milk production of 9,907 million pounds during September was 3.0 percent above a year earlier and 9.2 percent more than September 1975. This latest increase brought the production level for January through September to 93,994 million pounds, 2.4 percent ahead of those months in 1976 and 6.9 percent above the corresponding 1975 period.

Production per cow averaged 903 pounds, 31 pounds more than a year earlier and up 86 pounds from 1975. During September, there was an estimated 10,975,000 milk cows, 55,000 head below a year ago but 2,000 head more than in August 1977.

## MILK-FEED PRICE RATIO RISES

The September milk-feed price ratio increased to 1.78 from 1.69 in August and 1.51 for September 1976. The increase was generally due to higher milk prices and lower feed costs. This was the highest milk-feed price ratio since March 1972.

## MORE GRAIN AND OTHER CONCENTRATES BEING FED

Grain and other concentrates fed to milk cows on October 1, 1977 averaged 13.3 pounds. This was 0.7 pounds above 1976 and 1.2 pounds above October 1, 1975. The higher feeding rate was generally due to lower feed costs.

MILK COWS AND MILK PRODUCTION BY MONTHS, UNITED STATES

MONTH	MILK COWS <sup>1/</sup>			MILK PER COW <sup>2/</sup>			MILK PRODUCTION <sup>2/</sup>			
	1975	1976	1977	1975	1976	1977	1975	1976	1977	1977 % CHANGE FROM 1976
	THOUSANDS			POUNDS			MILLION POUNDS			PERCENT
JAN	11,202	11,083	11,023	834	867	899	9,338	9,607	9,910	+3.2
FEB <sup>3/</sup>	11,193	11,071	11,013	782	841	849	8,756	9,308	9,351	+0.5
MAR	11,181	11,060	11,003	892	931	960	9,978	10,302	10,562	+2.5
APR	11,172	11,058	10,989	903	948	977	10,088	10,480	10,741	+2.5
MAY	11,156	11,047	10,978	966	1,006	1,029	10,773	11,108	11,295	+1.7
JUN	11,141	11,044	10,963	937	979	1,013	10,444	10,816	11,103	+2.7
JUL	11,131	11,041	10,965	896	947	977	9,969	10,453	10,715	+2.5
AUG	11,120	11,041	10,973	858	916	949	9,546	10,112	10,410	+2.9
SEP	11,109	11,030	10,975	817	872	903	9,072	9,616	9,907	+3.0
JAN-SEP TOTAL							87,964	91,802	93,994	+2.4
OCT	11,102	11,039		827	874		9,186	9,643		
NOV	11,088	11,039		797	836		8,833	9,233		
DEC	11,087	11,032		843	877		9,343	9,678		
ANNUAL	11,140	11,049		10,352	10,893		115,326	120,356		

<sup>1/</sup> INCLUDES DRY COWS. EXCLUDES HEIFERS NOT YET FRESH. <sup>2/</sup> EXCLUDES MILK SUCKED BY CALVES.

<sup>3/</sup> 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, SEPTEMBER 1977, WITH COMPARISONS <sup>1/</sup>

REGION	MILK-FEED PRICE RATIO <sup>2/</sup>			ALL MILK PRICE PER CWT.			RATION VALUE <sup>3/</sup>		
	SEP 1976	AUG 1977	SEP 1977	SEP 1976	AUG 1977	SEP 1977	SEP 1976	AUG 1977	SEP 1977
	P O U N D S			D O L L A R S					
N ATL	1.52	1.63	1.71	10.60	10.40	10.60	6.96	6.40	6.20
N CENT	1.50	1.76	1.86	9.34	9.17	9.39	6.23	5.20	5.05
S ATL	1.58	1.66	1.70	11.00	10.80	10.90	6.97	6.50	6.40
S CENT	1.53	1.64	1.73	10.40	10.10	10.30	6.81	6.15	5.95
WEST	1.47	1.69	1.78	9.49	9.74	9.78	6.44	5.75	5.50
U S	1.51	1.69	1.78	9.84	9.69	9.89	6.53	5.73	5.55

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

SEPTEMBER 1977 MILK COWS AND MILK PRODUCTION

STATE	MILK COWS 1/			MILK PER COW 2/			MILK PRODUCTION 2/			
	1975	1976	1977	1975	1976	1977	1975	1976	1977	1977 AS PCT OF 1976
	THOUSANDS			POUNDS			MILLION POUNDS			PERCENT
ALABAMA	90	86	85	625	650	660	56	56	56	100
ARKANSAS	90	88	88	645	700	750	58	62	66	106
CALIFORNIA	798	810	814	1140	1180	1225	910	956	997	104
COLORADO	75	72	70	910	945	975	68	68	68	100
FLORIDA	196	202	201	765	755	750	150	153	151	99
GEORGIA	129	128	129	735	805	800	95	103	103	100
IDAHO	146	142	140	990	930	930	143	132	130	98
ILLINOIS	256	237	236	820	850	865	210	201	204	101
INDIANA	214	210	208	830	900	900	178	189	187	99
IOWA	399	392	383	775	845	875	309	331	335	101
KANSAS	143	139	139	790	865	855	113	120	119	99
KENTUCKY	285	281	278	660	700	760	188	197	211	107
LOUISIANA	137	137	132	585	625	665	80	86	88	102
MARYLAND	139	139	141	890	950	955	124	132	135	102
MICHIGAN	410	405	405	880	955	995	361	387	403	104
MINNESOTA	884	874	865	660	710	740	583	621	640	103
MISSISSIPPI	120	116	111	585	595	615	70	69	68	99
MISSOURI	296	305	301	765	780	855	226	238	257	108
NEBRASKA	151	139	138	775	820	850	117	114	117	103
NEW YORK	917	912	916	845	870	915	775	793	838	106
N. CAROLINA	154	154	151	850	890	900	131	137	136	99
N. DAKOTA	121	115	111	515	560	595	62	64	66	103
OHIO	398	400	400	850	925	930	338	370	372	101
OKLAHOMA	118	117	116	690	770	810	81	90	94	104
OREGON	90	91	93	890	925	940	80	84	87	104
PENNSYLVANIA	701	707	707	825	890	920	578	629	650	103
TENNESSEE	215	210	207	750	790	850	161	166	176	106
TEXAS	324	319	314	770	825	850	249	263	267	102
UTAH	79	79	78	940	960	1025	74	76	80	105
VERMONT	194	194	196	830	875	890	161	170	174	102
VIRGINIA	158	165	165	920	930	980	145	153	162	106
WASHINGTON	181	181	175	1050	1100	1200	190	199	210	106
WISCONSIN	1813	1804	1802	785	885	910	1423	1597	1640	103
OTHER 17 3/ STATES	688	680	680	850	897	912	585	610	620	102
UNITED STATES	11109	11030	10975	817	872	903	9072	9616	9907	103

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.

SEPTEMBER MILK COWS AND JULY-SEPTEMBER MILK PRODUCTION

STATE	SEP MILK COWS 1/			JUL-SEP MILK PRODUCTION 2/			1977 AS % OF 1976
	1975	1976	1977	1975	1976	1977	
	THOUSANDS			MILLION POUNDS			PERCENT
ALA	90	86	85	166	167	169	101
ALAS	1.6	1.5	1.5	4.35	4.07	4.44	109
ARIZ	68	69	68	211	217	222	102
ARK	90	88	88	184	194	202	104
CALIF	798	810	814	2,850	3,030	3,136	103
COLO	75	72	70	215	214	218	102
CONN	53	53	54	149	152	155	102
DEL	12.1	11.8	11.6	32.5	32.7	33.1	101
FLA	196	202	201	464	474	472	100
GA	129	128	129	280	302	303	100
HAW	13.1	13.0	12.8	36.6	36.4	37.4	103
IDAHO	146	142	140	427	411	408	99
ILL	256	237	236	659	635	633	100
IND	214	210	208	559	579	575	99
IOWA	399	392	383	979	1,045	1,063	102
KANS	143	139	139	349	372	371	100
KY	285	281	278	606	633	676	107
LA	137	137	132	250	264	269	102
MAINE	60	59	58	165	168	170	101
MD	139	139	141	368	393	408	104
MASS	54	53	52	147	146	152	104
MICH	410	405	405	1,100	1,176	1,220	104
MINN	884	874	865	1,939	2,093	2,154	103
MISS	120	116	111	224	221	219	99
MO	296	305	301	727	776	813	105
MONT	26	26	27	71	72	77	107
NEBR	151	139	138	372	363	365	101
NEV	14.0	14.0	14.2	43.6	47.2	49.6	105
N H	32	31	31	83	82	85	104
N J	46	46	47	126	137	142	104
N MEX	32	31	31	97	106	109	103
N Y	917	912	916	2,408	2,453	2,559	104
N C	154	154	151	401	409	406	99
N DAK	121	115	111	236	232	238	103
OHIO	398	400	400	1,047	1,147	1,143	100
OKLA	118	117	116	259	282	289	102
OREG	90	91	93	261	271	278	103
PA	701	707	707	1,768	1,905	1,986	104
R I	5.8	5.3	5.3	15.7	14.7	15.5	105
S C	56	56	56	123	127	127	100
S DAK	163	162	162	383	416	425	102
TENN	215	210	207	492	505	530	105
TEX	324	319	314	788	817	831	102
UTAH	79	79	78	240	241	243	101
VT	194	194	196	505	528	533	101
VA	158	165	165	445	469	490	104
WASH	181	181	175	601	626	656	105
W VA	40	37	37	87	82	84	102
WIS	1,813	1,804	1,802	4,615	5,084	5,259	103
WYO	11.5	11.5	11.5	28.3	29.7	29.2	98
U S	11,109	11,030	10,975	28,587	30,181	31,032	103

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

2/ EXCLUDES MILK SUCKED BY CALVES.

GRAIN AND OTHER CONCENTRATES FED DAILY PER MILK COWS  
IN HERDS KEPT BY REPORTERS, OCTOBER 1, BY STATES

STATE	1975	1976	1977
		POUNDS	
ALA	13.1	14.4	13.7
ARIZ	13.3	15.3	16.0
ARK	10.0	11.7	12.0
CALIF	13.5	15.0	16.8
COLO	13.7	14.6	13.6
CONN	14.0	13.6	13.7
DEL	13.0	13.2	13.3
FLA	16.0	16.0	16.0
GA	18.0	15.0	16.0
IDAHO	11.9	10.9	11.6
ILL	13.0	12.8	12.7
IND	12.6	13.5	13.4
IOWA	13.0	12.3	13.6
KANS	13.1	15.7	15.0
KY	10.8	11.3	12.4
LA	12.8	12.6	12.9
MAINE	13.5	14.0	13.9
MD	13.0	13.3	14.4
MASS	13.0	12.7	13.4
MICH	13.1	12.6	12.9
MINN	10.8	10.7	11.2
MISS	12.6	12.6	13.0
MO	12.0	12.5	13.0
MONT	10.2	11.0	12.0
NEBR	10.5	11.5	11.5
NEV	10.0	12.0	12.5
N H	12.0	12.6	11.4
N J	12.0	11.8	12.9
N MEX	18.0	15.0	17.0
N Y	11.1	11.8	11.9
N C	15.0	14.6	15.0
N DAK	8.9	10.1	10.0
OHIO	13.1	14.3	13.7
OKLA	14.0	14.2	14.6
OREG	9.8	11.0	12.5
PA	12.7	12.7	13.9
R I	12.0	9.1	11.2
S C	17.5	14.5	13.9
S DAK	11.0	11.7	11.4
TENN	11.8	13.1	14.7
TEX	13.9	17.5	16.8
UTAH	12.3	11.4	13.4
VT	11.0	11.4	10.7
VA	11.2	11.1	12.6
WASH	13.1	12.2	14.0
W VA	11.5	10.5	11.0
WIS	10.6	11.6	12.4
WYO	9.0	9.0	10.0
U S	12.1	12.6	13.3





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