

MILK PRODUCTION

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OCTOBER MILK PRODUCTION UP 2.7 PERCENT

Milk production of 9,902 million pounds during October was 2.7 percent above a year earlier and 7.8 percent more than October 1975. The production level for January through October is 103,896 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, 29 pounds more than a year earlier and up 76 pounds from 1975. During October there was an estimated 10,964,000 milk cows, 75,000 head below a year ago and 11,000 head below September 1977.

MILK-FEED PRICE RATIO RISES

The October milk-feed price ratio increased to 1.84 from 1.80 in September and 1.56 for October 1976. In all regions, milk prices were higher or the same but feed costs were lower than a year earlier. This was the highest milk-feed price ratio since December 1971.

SPECIAL IN THIS ISSUE

Milk Cow Rations, 48 States

MILK COWS AND MILK PRODUCTION BY MONTHS, UNITED STATES

MONTH	MILK COWS 1/			MILK PER COW 2/			MILK PRODUCTION 2/			1977 % CHANGE FROM 1976
	1975	1976	1977	1975	1976	1977	1975	1976	1977	
	THOUSANDS			POUNDS			MILLION POUNDS			PERCENT
JAN	11,202	11,083	11,023	834	867	899	9,338	9,607	9,910	+3.2
FEB 3/	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
JUNE	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
OCT	11,102	11,039	10,964	827	874	903	9,186	9,643	9,902	+2.7
JAN-OCT TOTAL							97,150	101,445	103,896	+2.4
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		

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, OCTOBER 1977, WITH COMPARISONS 1/

REGION	MILK-FEED PRICE RATIO 2/			ALL MILK PRICE PER CWT			RATION VALUE 3/		
	OCT 1976	SEP 1977	OCT 1977	OCT 1976	SEP 1977	OCT 1977	OCT 1976	SEP 1977	OCT 1977
	P O U N D S			D O L L A R S					
N ATL	1.57	1.73	1.77	10.80	10.70	10.90	6.88	6.20	6.15
N CENT	1.56	1.88	1.92	9.43	9.48	9.61	6.04	5.05	5.00
S ATL	1.61	1.73	1.78	11.10	11.10	11.20	6.88	6.40	6.30
S CENT	1.60	1.76	1.83	10.70	10.50	10.70	6.70	5.95	5.85
WEST	1.51	1.80	1.85	9.50	9.92	10.00	6.29	5.50	5.40
U S	1.56	1.80	1.84	9.96	10.00	10.10	6.38	5.55	5.49

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.

OCTOBER 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	87	85	625	640	675	56	56	57	102
ARKANSAS	90	88	88	660	690	700	59	61	62	102
CALIFORNIA	802	807	815	1145	1190	1230	918	960	1002	104
COLORADO	74	71	70	930	960	960	69	68	67	99
FLORIDA	196	203	201	790	810	800	155	164	161	98
GEORGIA	129	130	129	775	835	820	100	109	106	97
IDAHO	146	142	139	910	910	900	133	129	125	97
ILLINOIS	254	238	232	840	850	855	213	202	198	98
INDIANA	214	211	208	825	900	910	177	190	189	99
IOWA	397	392	383	755	825	865	300	323	331	102
KANSAS	143	140	139	810	850	850	116	119	118	99
KENTUCKY	285	281	277	635	695	720	181	195	199	102
LOUISIANA	137	137	132	575	610	645	79	84	85	101
MARYLAND	139	139	140	880	930	960	122	129	134	104
MICHIGAN	409	404	403	895	965	1010	366	390	407	104
MINNESOTA	886	876	865	695	730	750	616	639	649	102
MISSISSIPPI	119	115	111	575	585	590	68	67	65	97
MISSOURI	300	308	303	760	750	835	229	231	253	110
NEBRASKA	151	139	138	755	800	840	114	111	116	105
NEW YORK	917	912	916	865	880	915	793	803	838	104
N. CAROLINA	153	155	152	890	920	930	136	143	141	99
N. DAKOTA	121	114	110	475	520	565	57	59	62	105
OHIO	395	400	400	870	923	935	344	370	374	101
OKLAHOMA	117	115	116	710	775	810	83	89	94	106
OREGON	90	91	93	870	910	930	78	83	86	104
PENNSYLVANIA	699	711	703	825	890	920	577	633	647	102
TENNESSEE	214	211	205	725	775	860	155	164	176	107
TEXAS	322	318	314	780	850	880	251	270	276	102
UTAH	80	79	77	960	960	1015	77	76	78	103
VERMONT	194	194	197	845	875	890	164	170	175	103
VIRGINIA	158	165	166	920	950	1000	145	157	166	106
WASHINGTON	181	182	174	1060	1110	1210	192	202	211	104
WISCONSIN	1812	1803	1803	815	880	905	1477	1587	1632	103
OTHER 17 3/ STATES	688	681	680	853	896	915	587	610	622	102
UNITED STATES	11102	11039	10964	827	874	903	9186	9643	9902	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.

INDIVIDUAL FEEDS AS PERCENTAGE OF THE CONCENTRATE RATION
 FED TO MILK COWS, BY STATES, OCTOBER 1, 1977

STATE	GRAIN				INGREDIENTS FEEDS						COMMERCIAL MIXED FEEDS	MISC. OTHER	
	CORN	OATS	BARLEY	SORGHUM	SOY-BEAN MEAL	COTTON SEED MEAL	WHEAT BRAN	SHORTS, MIDLINGS	MOLASSES	ALFALFA MEAL OR PELLETS			MINERALS
ALA	17	1			3	1	1	1	1			74	1
ARIZ	10		15	1		7		2	2		2	61	2
ARK	7			1	1		2	1	1			80	7
CALIF	3		10	1	1	3		3	1	1	1	66	10
COLO	24		5		1			1				65	4
CONN	1											98	1
DEL	20	2	6		7		3		3		2	56	1
FLA	8					2	2			2		72	14
GA	10	1			4	1						81	3
IDAHO	5	3	63	1				1		1		19	7
ILL	76	7			3			1		1		9	3
IND	66	6	1		5			2		1		16	3
IOWA	71	13			3			1		2		9	1
KANS	14	4	2	45	6		2	2		1		13	11
KY	45	1	1	1	5	1	1	2		1	1	36	5
LA	11	3			3	2				1	1	78	1
MAINE		2					1					95	2
MD	34	5	6		5		1	2			1	40	6
MASS										2		97	1
MICH	56	12	2		5		1	1	2		1	16	4
MINN	59	23	1		4			1		1		9	2
MISS	14				1	5		1		1		78	
MO	14	1		8	1					1		73	2
MONT	2	10	47		1		1	1	1	1	1	31	5
NEBR	44	10		13	4		1	1	1	1	1	20	5
NEV		5	35	8	1	1		2		1	1	45	1
N H	7				1		1					89	2
N J	31	4	2		5		1	2			1	44	10
N MEX	22	1	7	24		10	7			1	1	16	11
N Y	16	5			4		1	2		1	1	67	4
N C	21	4	4		6	1				1	1	61	2
N DAK	6	54	12				1	1		1	1	16	9
OHIO	67	6			8		1	2		2	1	11	4
OKLA	16	10	9	8	1	5	3	2	1	1	1	34	10
OREG	4	4	10		1	2		2		2	1	70	6
PA	44	10	2		6		1	3			1	28	5
R I												100	
S C	10	2	1	1	2							83	1
S DAK	48	30	10	1	3			2		1	1	4	1
TENN	5				1	2	1	1	1	1	1	87	1
TEX	6	4	1	27	1	6	2	2	2	1	1	42	7
UTAH	6		40			1						49	4
VT	1											98	1
VA	21	1	3		6	1	1	1		1	1	60	5
WASH	4	1	1		1	1	2	1				89	
W VA	21	6	2		5			1				64	1
WIS	57	19	1		6		1	1		1	1	10	4
WYO	6	5	47					1				41	
U S	33.6	8.8	3.3	2.4	3.6	0.9	1.0	1.2	0.4	0.9		39.4	4.5

1/ INCLUDES SOME INDIVIDUALLY MIXED AND OTHER MISCELLANEOUS FEEDS.