

MILK PRODUCTION

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OCTOBER MILK PRODUCTION NEAR PREVIOUS YEAR

October milk production totaled 9.82 billion pounds, down fractionally from October 1977. Accumulated production for the first 10 months of 1978 was 103 billion pounds, down 1 percent from last year but 2 percent above the same period in 1976.

Production per cow averaged 906 pounds, 7 pounds more than a year earlier and 34 pounds more than October 1976. Total milk cows averaged 10.8 million head, off 1 percent from last year.

MILK-FEED PRICE RATIO

The October milk-feed price ratio was 1.84, up from 1.81 last month and 1.79 for October 1977. This compares with the October record high of 1.85 for 1968 and 1969. The highest milk-feed price ratio on record was 1.88 in November 1971.

SPECIAL IN THIS ISSUE Milk Cow Rations, 48 States
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MILK COWS AND MILK PRODUCTION BY MONTHS, UNITED STATES

MONTH	MILK COWS ^{1/}			MILK PER COW ^{2/}			MILK PRODUCTION ^{2/}			1978 % CHANGE FROM 1977 PERCENT
	1976	1977	1978	1976	1977	1978	1976	1977	1978	
	THOUSANDS			POUNDS			MILLION POUNDS			
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
MAY	11,049	10,991	10,886	1,006	1,035	1,032	11,110	11,373	11,219	99
JUN	11,049	10,975	10,854	978	1,004	1,007	10,806	11,021	10,928	99
JUL	11,052	10,970	10,851	945	975	977	10,444	10,693	10,598	99
AUG	11,049	10,976	10,855	917	947	945	10,129	10,397	10,259	99
SEP	11,039	10,972	10,847	870	898	897	9,607	9,850	9,732	99
OCT	11,045	10,955	10,837	872	899	906	9,626	9,844	9,818	100
JAN-OCT TOTAL							101,357	103,758	103,097	99
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 FEB 1976 ADDED 3.6 PERCENT TO MONTHLY OUTPUT.

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

REGION	MILK-FEED PRICE RATIO ^{2/}			ALL MILK PRICE PER CWT			RATION VALUE ^{3/}		
	OCT 1977	SEP 1978	OCT 1978	OCT 1977	SEP 1978	OCT 1978	OCT 1977	SEP 1978	OCT 1978
	POUNDS			DOLLARS					
N ATL	1.71	1.77	1.79	10.80	11.50	11.80	6.30	6.50	6.60
N CENT	1.82	1.88	1.93	9.65	10.50	10.90	5.31	5.60	5.65
S ATL	1.82	1.73	1.74	11.20	11.70	11.90	6.16	6.75	6.85
S CENT	1.84	1.74	1.77	10.60	11.20	11.50	5.77	6.45	6.50
WEST	1.84	1.80	1.83	10.00	10.60	10.90	5.43	5.90	5.95
U S	1.79	1.81	1.84	10.10	10.90	11.20	5.64	6.01	6.08

^{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 1978 MILK COWS AND MILK PRODUCTION

STATE	MILK COWS 1/			MILK PER COW 2/			MILK PRODUCTION 2/			
	1976	1977	1978	1976	1977	1978	1976	1977	1978	1978 AS PCT OF 1977
	THOUSANDS			POUNDS			MILLION POUNDS			PERCENT
ALABAMA	87	84	84	640	665	655	56	56	55	98
ARKANSAS	87	88	88	650	695	665	57	61	59	97
CALIFORNIA	807	836	841	1190	1210	1180	960	1012	992	98
COLORADO	71	71	71	960	970	1015	68	69	72	104
FLORIDA	202	197	197	805	785	765	163	155	151	97
GEORGIA	130	129	129	835	825	815	109	106	105	99
IDAHO	142	139	141	910	971	980	129	135	138	102
ILLINOIS	238	232	236	860	855	850	205	198	201	102
INDIANA	210	208	207	885	910	890	186	189	184	97
IOWA	392	383	377	785	870	865	308	333	326	98
KANSAS	140	139	136	850	835	865	119	116	118	102
KENTUCKY	281	277	268	700	720	735	197	199	197	99
LOUISIANA	137	131	125	610	630	650	84	83	81	98
MARYLAND	140	137	134	930	955	950	130	131	127	97
MICHIGAN	404	403	406	965	1010	1015	390	407	412	101
MINNESOTA	876	856	810	730	760	775	639	651	628	96
MISSISSIPPI	115	111	103	585	595	620	67	66	64	97
MISSOURI	307	291	283	745	790	820	229	230	232	101
NEBRASKA	139	130	125	800	840	850	111	109	106	97
NEW YORK	912	916	912	880	900	910	803	824	830	101
N. CAROLINA	148	152	142	920	930	910	136	141	129	91
N. DAKOTA	109	105	99	595	585	625	65	61	62	102
OHIO	400	400	390	925	925	915	370	370	357	96
OKLAHOMA	115	116	113	775	775	795	89	90	90	100
OREGON	93	93	93	890	930	930	83	86	86	100
PENNSYLVANIA	711	703	700	890	920	935	633	647	655	101
TENNESSEE	211	205	210	835	860	860	176	176	181	103
TEXAS	318	314	310	850	880	930	270	276	288	104
UTAH	79	77	76	960	975	1000	76	75	76	101
VERMONT	194	193	187	865	890	930	168	172	174	101
VIRGINIA	174	171	174	925	955	930	161	163	162	99
WASHINGTON	182	175	190	1110	1220	1195	202	214	227	106
WISCONSIN	1803	1806	1811	870	900	910	1569	1625	1648	101
OTHER 17 3/										
STATES	691	687	669	894	900	905	618	618	605	98
UNITED STATES	11045	10955	10837	872	899	906	9626	9844	9818	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.

INDIVIDUAL FEEDS AS PERCENTAGE OF THE CONCENTRATE RATION
 FED TO MILK COWS, BY STATES, OCTOBER 1, 1978

STATE	GRAIN				INGREDIENTS FEEDS					COMMERCIAL MIXED FEEDS	MISC OTHER	
	CORN	OATS	BARLEY	SORGHUM	SOYBEAN MEAL	COTTON- SEED MEAL	WHEAT BRAN: SHORTS, MIDLINGS	MOLASSES	ALFALFA: MEAL OR: PELLETS			MINERALS
ALA	:15	1			2					1	78	3
ARIZ	: 4		13		1		1	2	2	1	9	1/ 67
ARK	: 5			1	1		1				89	3
CALIF	: 3		5		1	3	1	1	2	1	72	11
COLO	:34	3	10	2	2	1	1	1			41	5
CONN	: 3										97	
DEL	:19	2	6		7		3	3		2	57	1
FLA	: 5	1	1			1	1		1		82	1/ 8
GA	: 8		2		2						85	3
IDAHO	: 4	3	57	1	1			1		1	24	8
ILL	:71	4			2			1		1	19	2
IND	:62	4			5			2		1	21	5
IOWA	:74	10			4			2		1	7	2
KANS	:24	4	2	40	8		1	1		1	14	5
KY	:37	1		1	5	1	1	1	1	1	48	3
LA	:17	1			7	1			1	1	72	
MAINE	: 2										96	2
MD	:31	4	9		5		1	2	1	1	43	3
MASS	: 4								1		94	1
MICH	:60	12	1		6			1		1	17	2
MINN	:67	17	1		4			1		1	8	1
MISS	:14				4	1	1			1	78	1
MO	:21	2		1	2		1	1		1	70	1
MONT	: 4	6	58		2		1	1			27	1
NEBR	:55	12	1	8	3			1		1	18	1
NEV	: 1	5	35	5	1	1		2	1	1	46	2
N H	: 4									1	90	5
N J	:36	6	2		4			2		1	45	4
N MEX	:25		10	24		5	1	1		1	25	8
N Y	:17	4			4		1	2		1	68	3
N C	:15	2	3		3	1		1	1		70	4
N DAK	: 5	59	17		1			1		1	11	5
OHIO	:56	9			6		1	1		1	22	4
OKLA	:13	4	6	21	3	5	3	1	2	1	39	2
OREG	: 5	2	11		1	1	2	1		1	72	5
PA	:42	10	3		6		1	3		1	31	3
R I	:										100	
S C	:12	2	2		3	1					79	1
S DAK	:47	30	10	2	3			1		1	4	2
TENN	:12		1		4	1			1		80	1
TEX	:14	3	2	20	2	5	1	1	1		44	7
UTAH	: 5		28		1						64	2
VT	: 2										98	
VA	:16	1	3		2			1			75	2
WASH	: 3	1	6			2	1	1			84	2
W VA	:23	1	3		6			1		1	65	
WIS	:63	17	1		5	1	1	1		1	8	2
WYO	:13	1	48		1				1		35	1
U S	:34.8	7.6	3.1	1.9	3.5	.9	.7	1.2	.4	.8	41.1	4.0

1/ INCLUDES SOME INDIVIDUALLY MIXED AND OTHER MISCELLANEOUS FEEDS.