

MILK PRODUCTION

MARCH 1970

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March milk production up 1 percent from a year earlier

U.S. milk production in March is estimated at 10,053 million pounds, 1 percent more than a year earlier. Daily average production increased 3 percent from February to March compared with a 2 percent increase between these two months, a year earlier. March output provided 1.58 pounds of milk per person daily for all uses, compared with 1.54 pounds a month earlier and 1.59 pounds a year earlier.

Production per cow up 3 percent, milk cows down 2 percent

March milk production per cow was a record high 803 pounds, up 3 percent from a year earlier. By States, March milk production per cow was highest in Arizona at 995 pounds. Following were California, 975 pounds; Minnesota, 970 pounds; New Jersey, 935 pounds and Hawaii, 920 pounds. Milk cows on farms during March totaled 12,514,000, down 2 percent from a year earlier.

Milk-feed price ratio 2 percent above a year earlier

The March milk-feed price ratio, at 1.75, is 2 percent above a year earlier and a record high for this date. The ratio was down 1 percent from February to March or the same decrease as shown for these two months last year.

Grain and concentrate feeding rates up 3 percent from a year earlier

Feeding of grain and concentrates to milk cows was at a record high on April 1 and averaged 12.0 pounds per cow, 3 percent above a year earlier. Feeding rates were above a year earlier in 27 States, and averaged 12 or more pounds in 22 States. Seventeen States were feeding 12 or more pounds of grain and concentrate per cow a year earlier.

Pastures better than average

Pasture condition in the 30 States reporting on April 1 was better than usual. The 78 percent of normal condition reported on April 1, 1970 was 2 percentage points above a year earlier and 3 points above the 1959-68 average for the date. Below normal temperatures over most of the Nation during March delayed spring pasture development. March rainfall varied widely but was above normal in most of the South.

April 1 condition of pastures in South Atlantic States ranged from 2 to 7 points above a year ago except for West Virginia which was 1 point below. All South Central States reported condition above average on April 1 except Tennessee which equalled the average for the date. Most of the South Central States reported condition better than a year earlier. Of the 8 Western States reporting pasture condition on April 1, only New Mexico at 73 failed to reach the 80 percent mark. Other State averages ranged from 80 in Arizona to 89 percent in Washington, the highest of the 30 States reporting.

Milk cows and milk production by months, United States

Month	Milk cows on farms 1/			Milk per cow 2/			Milk production 2/			Change from 1969
	1968	1969	1970	1968	1969	1970	1968	1969	1970	
	-- Thousands --			-- Pounds --			-- Million pounds --			Percent
January	13,235	12,818	12,544	717	734	750	9,495	9,411	9,412	0
February	13,200	12,795	12,530	696	687	706	9,187	8,792	8,840	+ 0.5
March	13,164	12,765	12,514	775	780	803	10,197	9,960	10,053	+ 0.9
Jan.-March total	---	---	---	---	---	---	28,879	28,163	28,305	+ 0.5
April	13,132	12,743		796	806		10,457	10,265		
May	13,097	12,721		858	867		11,235	11,034		
June	13,056	12,701		826	847		10,786	10,759		
July	13,024	12,678		783	800		10,202	10,142		
August	12,990	12,653		740	764		9,612	9,673		
September	12,952	12,626		701	726		9,083	9,165		
October	12,917	12,601		706	725		9,124	9,138		
November	12,880	12,579		677	691		8,717	8,691		
December	12,847	12,559		711	730		9,139	9,170		
Annual	13,038	12,689		8,992	9,152		117,234	116,200		

1/ Includes dry cows. Excludes heifers not yet fresh. 2/ Excludes milk sucked by calves.

Grain and other concentrates fed daily per milk cow in herd kept by reporters, April 1, by States

State	1968	1969	1970	State	1968	1969	1970
	-- Pounds --				-- Pounds --		
Maine	11.4	12.7	12.5	West Virginia	7.8	9.1	9.5
New Hampshire	11.5	12.2	11.9	North Carolina	10.0	10.0	10.5
Vermont	10.9	11.7	11.3	South Carolina	10.6	10.5	11.8
Massachusetts	12.4	13.7	13.5	Georgia	11.0	11.5	12.0
Rhode Island	12.2	13.5	13.4	Florida	10.0	11.0	13.0
Connecticut	12.9	13.6	13.2				
New York	11.7	12.6	12.6	Kentucky	9.5	9.8	9.5
New Jersey	12.3	12.5	13.9	Tennessee	10.1	9.9	9.7
Pennsylvania	13.6	13.8	13.8	Alabama	11.0	11.0	13.0
				Mississippi	9.5	10.5	10.5
Ohio	12.8	13.3	12.9	Arkansas	9.8	12.1	12.5
Indiana	11.6	12.6	13.4	Louisiana	10.3	11.4	12.0
Illinois	11.8	11.9	12.6	Oklahoma	12.0	12.0	12.4
Michigan	11.1	11.4	11.0	Texas	8.9	13.2	14.3
Wisconsin	10.3	11.4	11.9				
				Montana	7.7	8.4	9.0
Minnesota	11.8	13.3	13.2	Idaho	6.9	8.0	7.9
Iowa	10.5	11.0	11.4	Wyoming	7.0	7.0	8.5
Missouri	8.2	9.4	9.8	Colorado	10.0	10.0	11.1
North Dakota	9.6	10.9	11.8	New Mexico	10.0	10.0	11.0
South Dakota	8.4	9.4	10.4	Arizona	10.0	10.5	11.5
Nebraska	9.3	10.5	11.2	Utah	9.1	10.0	9.6
Kansas	11.0	11.6	12.0	Nevada	10.0	10.5	10.5
				Washington	9.6	11.3	10.6
Delaware	13.3	13.9	13.9	Oregon	8.2	9.2	9.4
Maryland	13.3	13.0	14.5	California	11.5	13.0	13.0
Virginia	10.3	10.5	9.5				
				United States	10.8	11.7	12.0

March milk cows and milk production

State	Milk cows on farms 1/			Milk per cow 2/			Milk production 2/			Change from 1969 Percent
	1968	1969	1970	1968	1969	1970	1968	1969	1970	
	-- Thousands --			-- Pounds --			-- Million pounds --			
Maine	70	69	69	690	720	750	48	50	52	+ 4
New Hampshire	39	38	38	800	820	810	31	31	31	0
Vermont	210	206	205	765	780	810	161	161	166	+ 3
Massachusetts	70	66	65	860	900	915	60	59	59	0
Rhode Island	8.3	7.9	7.7	860	895	900	7.1	7.1	6.9	- 3
Connecticut	68	66	66	865	900	900	59	59	59	0
New York	1,049	1,027	1,023	860	880	900	902	904	921	+ 2
New Jersey	81	75	73	900	930	935	73	70	68	- 3
Pennsylvania	731	720	715	810	830	865	592	598	618	+ 3
Ohio	478	466	456	795	798	805	380	372	367	- 1
Indiana	254	241	243	815	860	875	207	207	213	+ 3
Illinois	334	323	319	805	825	835	269	266	266	0
Michigan	482	473	468	795	820	840	383	388	393	+ 1
Wisconsin	1,901	1,856	1,823	860	840	865	1,635	1,559	1,577	+ 1
Minnesota	1,067	1,025	968	965	925	970	1,030	948	939	- 1
Iowa	580	539	501	773	770	775	448	415	388	- 7
Missouri	384	371	361	600	620	640	230	230	231	0
North Dakota	161	149	143	670	665	670	108	99	96	- 3
South Dakota	206	195	183	740	725	750	152	141	137	- 3
Nebraska	217	205	195	680	670	675	148	137	132	- 4
Kansas	214	207	202	695	715	720	149	148	145	- 2
Delaware	16	15	15	690	745	760	11.0	11.2	11.4	+ 2
Maryland	171	169	167	730	765	780	125	129	130	+ 1
Virginia	233	226	222	620	640	670	144	145	149	+ 3
West Virginia	68	63	62	530	550	580	36	35	36	+ 3
North Carolina	196	191	189	635	650	665	124	124	126	+ 2
South Carolina	73	71	67	605	640	665	44	45	45	0
Georgia	140	140	140	665	670	725	93	94	102	+ 9
Florida	187	191	192	765	745	755	143	142	145	+ 2
Kentucky	372	357	346	510	540	570	190	193	197	+ 2
Tennessee	334	316	307	485	510	540	162	161	166	+ 3
Alabama	145	139	135	485	505	525	70	70	71	+ 1
Mississippi	211	203	197	415	445	460	88	90	91	+ 1
Arkansas	104	100	97	510	550	560	53	55	54	- 2
Louisiana	182	176	174	500	545	580	91	96	101	+ 5
Oklahoma	156	152	149	690	685	705	108	104	105	+ 1
Texas	375	349	354	690	730	730	259	255	258	+ 1
Montana	48	45	43	590	610	625	28	27	27	0
Idaho	156	156	153	780	765	780	122	119	119	0
Wyoming	19.8	19.0	18.7	665	680	695	13.2	12.9	13.0	+ 1
Colorado	99	100	102	705	740	740	70	74	75	+ 1
New Mexico	38	37	36	685	705	720	26	26	26	0
Arizona	51	52	52	975	960	995	50	50	52	+ 4
Utah	74	76	78	850	850	880	63	65	69	+ 6
Nevada	13.6	13.8	13.8	855	845	840	11.6	11.7	11.6	- 1
Washington	188	182	181	840	870	880	158	158	159	+ 1
Oregon	114	111	108	665	685	720	76	76	78	+ 3
California	780	776	777	965	940	975	753	729	758	+ 4
Alaska	1.9	1.8	1.8	810	810	915	1.54	1.46	1.65	+13
Hawaii	13.9	12.6	12.8	850	910	920	11.8	11.5	11.8	+ 3
United States	13,164	12,765	12,514	775	780	803	10,197	9,960	10,053	+ 0.9

1/ Includes dry cows. Excludes heifers not yet fresh.
2/ Excludes milk sucked by calves.

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April 1 pasture feed condition, as percentage of normal, 30 States

State	Average 1959-68	1969	1970	State	Average 1959-68	1969	1970
-- Percent --				-- Percent --			
N. J.	80	78	79	Ky.	77	78	79
Ohio	83	82	84	Tenn.	76	74	76
Ind.	85	85	86	Ala.	69	66	72
Ill.	86	88	85	Miss.	66	69	67
Mo.	79	80	77	Ark.	72	78	76
Kans.	79	86	83	La.	69	70	75
Del.	82	80	85	Okla.	71	83	77
Md.	81	78	80	Texas	68	74	77
Va.	78	76	81	Colo.	79	70	87
W. Va.	75	73	72	N. Mex.	73	71	73
N. C.	81	79	84	Ariz.	85	74	80
S. C.	75	73	78	Utah	84	89	85
Ga.	76	73	80	Nev.	80	86	87
Fla.	75	65	71	Wash.	86	80	89
				Oreg.	85	76	88
				Calif.	80	85	87
				30 States	75	76	78

Milk-feed price ratios, milk prices, and ration values, by regions 1/

Region	Milk-feed price ratio 2/			All milk price per cwt.			Ration value 3/		
	Mar. 1969	Feb. 1970	Mar. 1970	Mar. 1969	Feb. 1970	Mar. 1970	Mar. 1969	Feb. 1970	Mar. 1970
	Pounds			Dollars					
N. Atl.	1.61	1.65	1.64	5.86	6.21	6.05	3.63	3.77	3.70
E. N. Cent.	1.74	1.76	1.76	5.04	5.39	5.32	2.90	3.07	3.03
W. N. Cent.	1.76	1.83	1.82	4.58	4.93	4.86	2.60	2.69	2.67
S. Atl.	1.94	1.94	1.93	6.66	6.97	6.87	3.43	3.59	3.56
S. Cent.	1.85	1.90	1.87	6.10	6.41	6.28	3.29	3.38	3.35
West.....	1.64	1.72	1.71	5.20	5.59	5.50	3.17	3.25	3.22
U. S.	1.72	1.76	1.75	5.35	5.69	5.59	3.11	3.23	3.20

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.