

milk production



JULY 1971

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July milk production more than a year earlier

U.S. milk production in July is estimated at 10,311 million pounds, 0.8 percent more than a year earlier. Daily average production for July was down 8 percent from June--the same as the decline between these two months a year ago. July output provided 1.60 pounds of milk per person daily for all uses compared with 1.74 in June and 1.61 pounds a year earlier.

July milk production was lower than a year ago in most of the West North Central States, mixed in the North and South Atlantic and up in most of the South Central and Western States. Of the five leading milk producing States, production was up in Wisconsin, California, Pennsylvania, New York but down in Minnesota.

Rate per cow up 2 percent from a year ago--milk cows down 1 percent

Milk output per cow averaged 833 pounds in July--up 2 percent from a year ago. Daily production per cow averaged 26.9 pounds, 8 percent less than in June and the same decrease between these two months as last year. Production per cow was at a record high rate in 42 States. Highest rate for the month was in California, 1,070 pounds, followed by: Washington, 1,020 pounds; and Utah and Arizona, each 930 pounds. Milk cows on farms during July totaled 12,382,000, down 1 percent from a year ago.

Milk-feed price ratio 4 percent below last year

The July milk-feed price ratio of 1.61 was 4 percent below a year ago. Higher milk prices were more than offset by an increase in ration value. Seasonally, the ratio was up 3 percent from June, compared with a 2 percent increase between the two months last year. The highest regional ratio, 1.79, was reported in the South Atlantic States; the lowest, 1.54, in the North Atlantic.

Grain and concentrate feeding up 2 percent from August 1, 1970

Grain and concentrate fed on August 1 averaged 10.9 pounds per milk cow--up 2 percent from a year earlier and a record high for the date. Feeding rates were above a year earlier in 29 States and averaged 11 or more pounds per cow in 28 States. A year earlier 20 States were feeding 11 or more pounds of grain and concentrate per cow.

Pastures above last year but below last month and average

Pasture condition reported for August 1 was 76 percent of normal, 1 percentage point above a year ago but 2 points below the 1960-69 average for the date and 3 points below last month.

All New England States reported pasture condition below last month, last year, and average. Condition in the Middle Atlantic States was below last month and last year but above average. New York at 80 percent had the highest reported pasture condition in this area for August 1.

The East North Central States showed the least variation in pasture condition. Michigan at 68 percent was below last month, last year, and average, while Indiana at 87 percent equaled July 1 but was slightly better than last year and average for the date.

The West North Central States have enjoyed a good pasture season in 1971. Reported condition ranges from Missouri's 70 percent, 9 percentage points above last August 1, to Nebraska's 91 percent, 26 points above a year ago.

In the South Atlantic States, Delaware and Maryland declined sharply from July 1. Reported condition in this region ranges from 56 percent in Delaware to 92 in Georgia. South Carolina, Georgia, and Florida showed a contraseasonal trend. Responding to much needed rains, Florida pastures have gradually improved from 64 percent of normal reported for May 1 to 88 percent on August 1.

Pastures in the South Central States showed the widest variations. Although northern Texas responded somewhat to recent rains, Texas pastures (at 40 percent on August 1) showed the lowest condition of the 48 States and lowest for the State on this date since 1956. Four States in this region -- Kentucky, Tennessee, Alabama, and Louisiana -- showed contraseasonal gains. Kentucky at 94 percent of normal has the highest reported condition in this region.

In the West, New Mexico pasture condition, at 58 percent, was above last month but is still below last year and average. Idaho reported 95 percent of normal, highest condition in the 48 States.

Milk cows and milk production by months, United States

Month	Milk cows on farms 1/			Milk per cow 2/			Milk production 2/			
	1969	1970	1971	1969	1970	1971	1969	1970	1971	Change from 1970
	Thousands			Pounds			Million pounds			
January	12,819	12,570	12,437	734	752	768	9,415	9,448	9,547	+1.0
February	12,976	12,564	12,432	690	708	725	8,831	8,896	9,010	+1.3
March	12,766	12,553	12,422	785	807	822	10,025	10,126	10,209	+0.8
April	12,745	12,540	12,411	805	824	841	10,256	10,328	10,432	+1.0
May	12,720	12,523	12,405	871	887	904	11,073	11,109	11,217	+1.0
June	12,695	12,509	12,389	845	863	875	10,728	10,792	10,836	+0.4
July	12,674	12,501	12,382	801	818	833	10,149	10,226	10,311	+0.8
Jan.-July total							70,477	70,925	71,562	+0.9
August	12,656	12,493		764	782		9,673	9,767		
September	12,628	12,479		725	743		9,158	9,273		
October	12,614	12,472		723	744		9,114	9,280		
November	12,594	12,460		690	710		8,687	8,842		
December	12,582	12,449		734	751		9,236	9,349		
Annual	12,693	12,509		9,166	9,388		116,345	117,436		

1/ Includes dry cows. Excludes heifers not yet fresh.

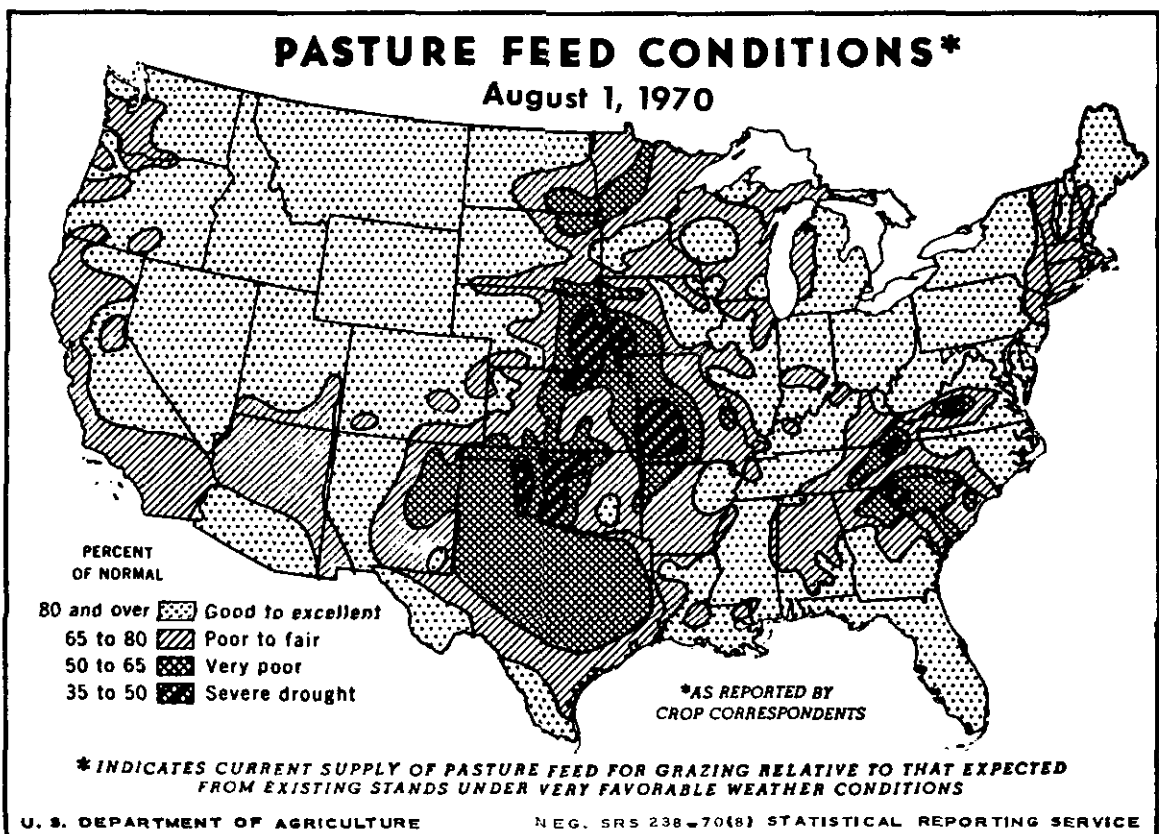
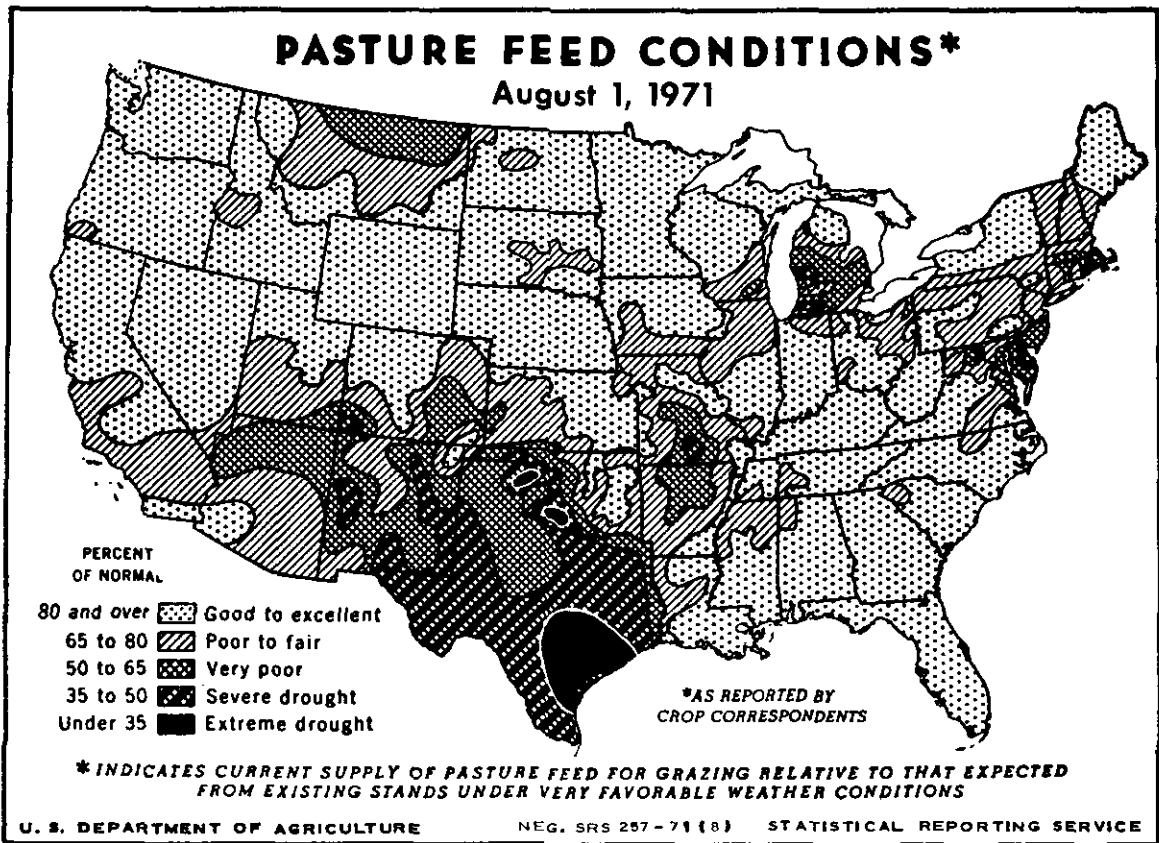
2/ Excludes milk sucked by calves.

July milk cows and milk production

State	Milk cows on farms 1/			Milk per cow 2/			Milk production 2/			:Change : from : 1970
	: 1969	: 1970	: 1971	: 1969	: 1970	: 1971	: 1969	: 1970	: 1971	
	Thousands			Pounds			Million pounds			Percent
Maine	69	67	66	825	850	860	57	57	57	0
New Hampshire	38	37	36	805	805	840	31	30	30	0
Vermont	206	205	205	815	830	860	168	170	176	+4
Massachusetts	66	63	63	865	865	890	57	54	56	+4
Rhode Island	7.9	7.5	6.8	850	825	900	6.7	6.2	6.1	-2
Connecticut	66	64	62	840	835	885	55	53	55	+4
New York	1,030	1,024	1,010	845	845	860	870	865	869	0
New Jersey	75	68	65	850	860	850	64	58	55	-5
Pennsylvania	721	711	702	820	840	860	591	597	604	+1
Ohio	463	454	443	835	855	870	387	388	385	-1
Indiana	240	238	237	845	875	900	203	208	213	+2
Illinois	315	304	297	860	875	875	271	266	260	-2
Michigan	472	465	464	840	850	875	396	395	406	+3
Wisconsin	1,849	1,844	1,852	875	885	895	1,618	1,632	1,658	+2
Minnesota	1,006	987	972	810	820	820	815	809	797	-1
Iowa	526	496	472	840	855	870	442	424	411	-3
Missouri	367	356	344	815	840	825	299	299	284	-5
North Dakota	147	141	134	745	735	755	110	104	101	-3
South Dakota	191	180	176	780	780	775	149	140	136	-3
Nebraska	198	189	187	739	790	785	146	149	147	-1
Kansas	206	200	194	690	695	725	142	139	141	+1
Delaware	15	15	15	760	785	790	11.4	11.8	11.9	+1
Maryland	169	168	168	770	800	770	130	134	129	-4
Virginia	224	222	218	715	730	755	160	162	165	+2
West Virginia	63	59	55	570	580	600	36	34	33	-3
North Carolina	190	187	185	645	670	695	123	125	129	+3
South Carolina	69	66	65	590	635	640	41	42	42	0
Georgia	141	146	147	625	650	655	88	95	96	+1
Florida	189	190	193	645	700	735	122	133	142	+7
Kentucky	353	344	337	660	670	695	233	230	234	+2
Tennessee	312	303	300	620	640	660	193	194	198	+2
Alabama	138	134	134	465	485	485	64	65	65	0
Mississippi	200	195	189	460	465	485	92	91	92	+1
Arkansas	99	97	97	660	660	645	65	64	63	-2
Louisiana	175	171	168	480	495	555	84	85	93	+9
Oklahoma	151	147	144	715	735	745	108	108	107	-1
Texas	351	355	355	710	720	740	249	256	263	+3
Montana	44	42	40	730	760	800	32	32	32	0
Idaho	155	156	160	840	870	880	130	136	141	+4
Wyoming	18.4	17.6	16.9	740	745	755	13.6	13.1	12.8	-2
Colorado	102	101	101	745	790	810	76	80	82	+3
New Mexico	36	35	35	720	745	770	26	26	27	+4
Arizona	51	52	52	900	890	930	46	46	48	+4
Utah	76	81	83	910	910	930	69	74	77	+4
Nevada	13.8	13.9	14.0	900	905	895	12.4	12.6	12.5	-1
Washington	180	184	193	950	1,000	1,020	171	184	197	+7
Oregon	110	108	105	845	850	900	93	92	95	+3
California	775	796	810	1,019	1,060	1,070	790	844	867	+3
Alaska	1.8	1.9	1.8	910	870	885	1.64	1.65	1.59	-4
Hawaii	12.7	13.1	12.6	875	885	905	11.1	11.6	11.4	-2
United States	12,674	12,501	12,382	801	818	833	10,149	10,226	10,311	+0.8

1/ Includes dry cows. Excludes heifers not yet fresh.

2/ Excludes milk sucked by calves.



August 1 pasture feed condition as percentage of normal, by States

State	Average 1960-69	1970	1971	State	Average 1960-69	1970	1971
P e r c e n t				P e r c e n t			
Maine	83	83	77	N. C.	82	76	90
N. H.	80	82	72	S. C.	80	60	87
Vt.	81	77	73	Ga.	82	77	92
Mass.	75	74	61	Fla.	87	91	88
R. I.	79	76	60				
Conn.	76	73	70	Ky.	85	84	94
N. Y.	73	87	80	Tenn.	80	74	87
N. J.	62	77	63	Ala.	80	77	86
Pa.	68	91	76	Miss.	74	83	80
				Ark.	73	76	69
Ohio	78	89	82	La.	75	82	79
Ind.	85	86	87	Okla.	75	57	64
Ill.	82	80	79	Texas	69	60	40
Mich.	78	90	68				
Wis.	76	76	82	Mont.	81	93	72
				Idaho	87	94	95
Minn.	82	74	89	Wyo.	80	95	94
Iowa	87	70	82	Colo.	77	86	73
Mo.	76	61	70	N. Mex.	73	70	58
N. Dak.	79	81	90	Ariz.	82	80	69
S. Dak.	78	72	85	Utah	81	88	82
Nebr.	81	65	91	Nev.	85	94	90
Kans.	80	65	83	Wash.	84	81	88
				Oreg.	84	80	92
Del.	68	95	56	Calif.	81	76	86
Md.	68	90	67				
Va.	74	76	87	U. S.	78	75	76
W. Va.	76	86	85				

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

Region	Milk-feed price ratio 2/			All milk price per cwt.:		Ration value 3/			
	July 1970	June 1971	July 1971	July 1970	June 1971	July 1971	July 1970	June 1971	July 1971
P o u n d s			D o l l a r s						
N. Atl.	1.66	1.44	1.54	6.11	5.78	6.12	3.69	4.02	3.98
E. N. Cent.	1.64	1.55	1.61	5.13	5.30	5.31	3.12	3.41	3.30
W. N. Cent.	1.69	1.64	1.69	4.76	4.91	4.93	2.81	3.00	2.92
S. Atl.	1.82	1.75	1.79	6.60	6.67	6.75	3.62	3.81	3.77
S. Cent.	1.74	1.62	1.63	5.89	5.96	6.01	3.39	3.67	3.68
West.	1.65	1.54	1.56	5.31	5.45	5.52	3.21	3.54	3.54
U. S.	1.68	1.56	1.61	5.46	5.50	5.60	3.25	3.53	3.47

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.

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

State	1969	1970	1971
P o u n d s			
Maine	11.7	11.2	11.1
New Hampshire	10.7	10.9	11.2
Vermont	9.8	9.8	9.8
Massachusetts	12.2	12.6	12.0
Rhode Island	12.0	12.5	12.5
Connecticut	13.0	12.6	13.0
New York	10.1	10.5	11.3
New Jersey	11.8	11.8	11.9
Pennsylvania	12.4	12.3	12.7
Ohio	11.1	12.2	11.8
Indiana	10.5	12.2	11.0
Illinois	10.5	11.2	11.3
Michigan	10.2	11.0	11.5
Wisconsin	9.1	9.5	9.6
Minnesota	9.9	10.5	10.6
Iowa	10.3	10.5	11.2
Missouri	8.1	9.1	11.6
North Dakota	9.0	8.8	9.2
South Dakota	8.4	8.2	10.2
Nebraska	8.9	9.0	7.9
Kansas	10.5	13.2	12.0
Delaware	12.5	12.9	15.5
Maryland	13.1	13.4	12.8
Virginia	10.4	9.7	7.4
West Virginia	6.9	8.7	7.9
North Carolina	10.0	10.0	10.0
South Carolina	10.0	11.6	12.2
Georgia	10.1	12.0	12.0
Florida	10.0	12.0	11.0
Kentucky	7.5	8.0	8.4
Tennessee	7.5	7.1	9.2
Alabama	9.5	11.0	10.0
Mississippi	10.0	9.4	9.5
Arkansas	10.0	9.8	9.9
Louisiana	8.5	10.0	11.3
Oklahoma	11.5	11.6	11.6
Texas	14.0	14.0	14.0
Montana	7.0	7.1	7.5
Idaho	6.4	8.0	8.9
Wyoming	7.0	7.0	7.2
Colorado	10.0	9.1	13.5
New Mexico	9.0	10.5	11.5
Arizona	9.5	10.0	12.0
Utah	8.1	9.1	8.8
Nevada	10.0	9.0	11.8
Washington	8.9	9.7	10.6
Oregon	8.0	8.3	9.7
California	12.0	14.5	13.5
United States	10.1	10.7	10.9



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