

# MILK PRODUCTION

AUGUST 1970

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## August milk production up slightly from a year earlier

U. S. milk production in August is estimated at 9,732 million pounds, 0.6 percent more than a year earlier. Production was down 4 percent from July compared with 5 percent a year earlier. August output provided 1.53 pounds of milk per person daily for all uses, the same as a year earlier, but less than the 1.60 pounds for July. Production during the first 8 months of 1970 was 0.3 percent more than a year earlier.

Milk production was down in most States of the North Atlantic, East North Central and West North Central Regions. In the South Atlantic, South Central and Western Regions, it was mostly unchanged or higher. Of the five leading milk producing States, production was up in Wisconsin, New York, and California, but down in Minnesota and Pennsylvania.

## Rate per cow up 2 percent from a year earlier, milk cows down 2 percent

Milk output per cow averaged 782 pounds in August -- up about 2 percent from a year earlier. Daily production per cow averaged 25.2 pounds, about 4 percent less than July compared with a 5-percent decrease between these two months a year earlier. Production per cow was at a record high rate in 40 States. Highest rate was in California, at 1,060 pounds, followed by Washington, 970 pounds; Utah and Hawaii, both with 890 pounds; Nevada, 885 pounds; and Idaho, 870 pounds. Milk cows on farms during July totaled 12,450,000, down 2 percent from a year earlier.

## Milk-feed price ratio 1 percent below a year earlier

The August milk-feed price ratio of 1.69 was 1 percent below a year earlier. The increase in ration value more than offset the increase in the price of milk, causing the ratio to fall below the 1969 figure. Seasonally, the ratio was up 2 percent from July to August compared with 3 percent a year earlier.

## Pastures in fair condition

U. S. pasture condition on September 1 was the same as a month earlier. At 75 percent of normal, condition equaled the lowest reported for September 1 since 1964, 2 percentage points less than a year earlier and 1 point below the 1959-68 average for the month.

Hot dry weather in August caused more deterioration in New England pastures. Rains came late in the month but did little to improve condition. On September 1, State averages in the North Atlantic Region ranged from 57 percent in Connecticut to 88 in Pennsylvania. All States in this region reported condition below a month and a year earlier and most were below average for September 1.

In the East North Central States, Wisconsin pasture condition dropped 19 points in August to 57 percent, and few green spots were left after the hot dry weather. Indiana, at 87 percent, reported the highest September 1 condition in the region -- above a month earlier and above average.

Iowa was the only West North Central State to report pasture condition above the 80 percent mark on September 1. Only Iowa at 81 and Missouri at 69 showed gains from August 1. All West North Central States reported condition below a year earlier and average. Reported condition in South Dakota and Kansas was 54 percent and Nebraska, at 58, was only slightly better.

Recent rains have promoted growth of pastures in the South with substantial improvement in Virginia, the Carolinas and Georgia. Florida condition was 2 points below average -- all others reported above average condition.

South Central States showed the greatest variation. Oklahoma reported pasture condition at 48 percent -- lowest of the 48 States, while Mississippi at 91 was second highest of the 48.

Reported condition in the Western Region on September 1 ranged from 73 percent in Oregon to 92 in Nevada.

Milk cows and milk production by months, United States

Month	Milk cows on farms <sup>1/</sup>			Milk per cow <sup>2/</sup>			Milk production <sup>2/</sup>			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
April	13,132	12,743	12,500	796	806	826	10,457	10,265	10,330	+0.6
May	13,097	12,721	12,482	858	867	883	11,235	11,034	11,019	-0.1
June	13,056	12,701	12,472	826	847	862	10,786	10,759	10,750	-0.1
July	13,024	12,678	12,457	783	800	816	10,202	10,142	10,162	+0.2
August	12,990	12,653	12,450	740	764	782	9,612	9,673	9,732	+0.6
Jan.-Aug. total	---	---	---	---	---	---	81,171	80,036	80,298	+0.3
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	9,158	---	117,234	116,200	---	---

<sup>1/</sup> Includes dry cows. Excludes heifers not yet fresh.

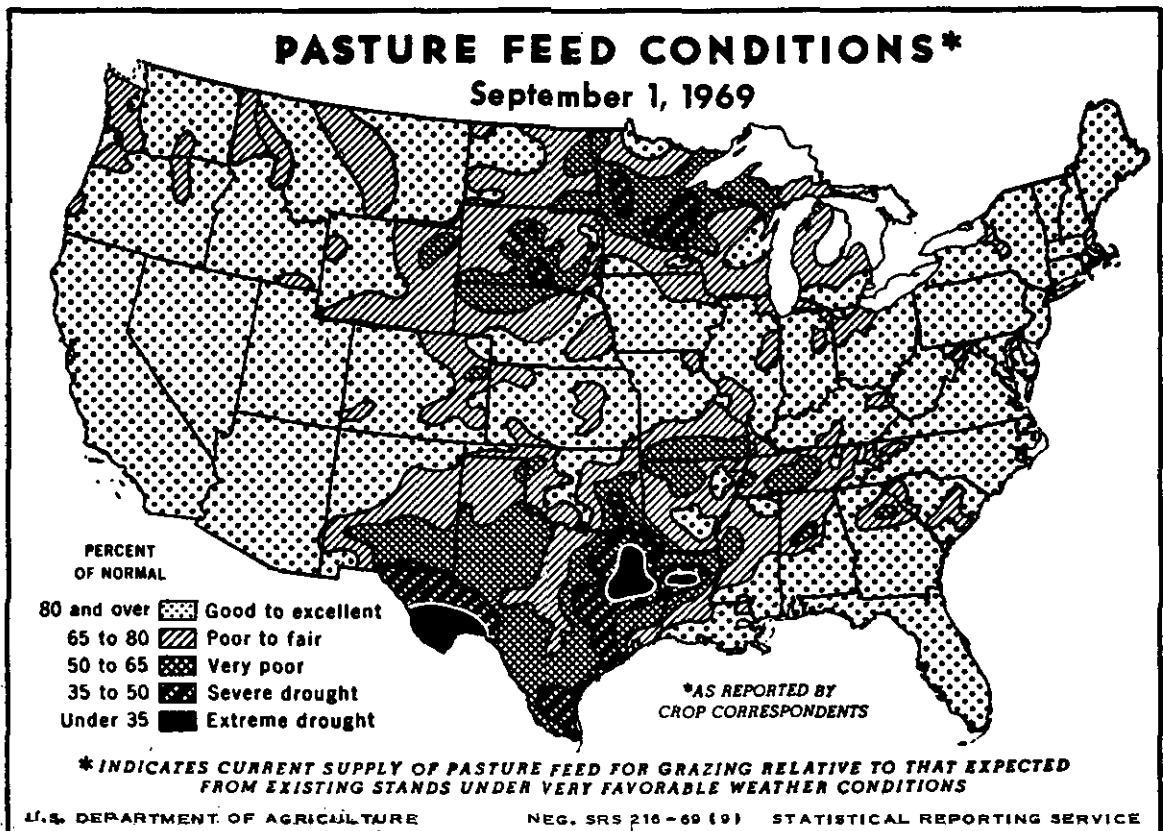
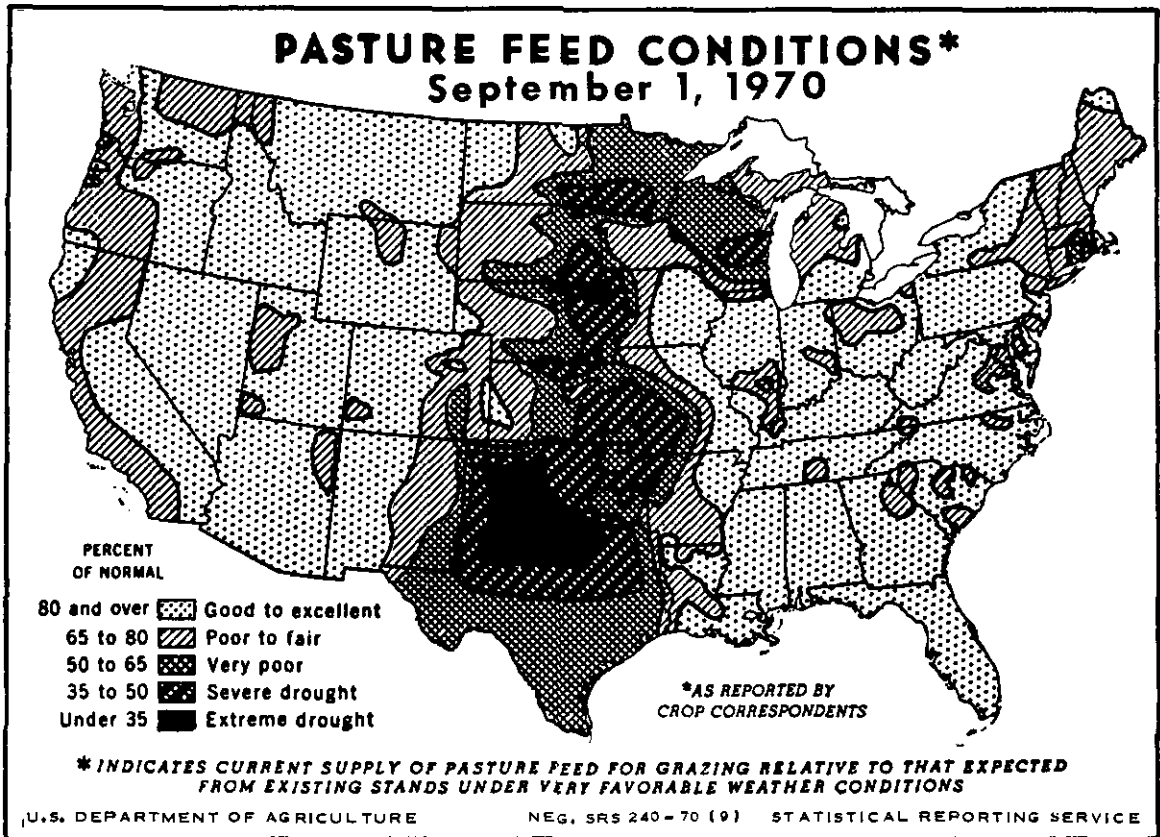
<sup>2/</sup> Excludes milk sucked by calves.

August milk cows and milk production

State	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
Maine	69	69	69	770	810	820	53	56	57	+2
New Hampshire	39	38	38	760	785	770	30	30	29	-3
Vermont	209	206	207	735	795	800	154	164	166	+1
Massachusetts	69	65	64	840	865	865	58	56	55	-2
Rhode Island	8.1	7.9	7.6	815	840	830	6.6	6.6	6.3	-5
Connecticut	67	66	65	825	850	845	55	56	55	-2
New York	1,034	1,026	1,022	755	795	800	781	816	818	0
New Jersey	78	75	71	825	850	860	64	64	61	-5
Pennsylvania	725	716	711	765	800	805	555	573	572	0
Ohio	473	462	453	785	820	825	371	379	374	-1
Indiana	248	240	238	790	830	850	196	199	202	+2
Illinois	328	321	317	795	840	840	261	270	266	-1
Michigan	480	472	467	820	850	850	394	401	397	-1
Wisconsin	1,881	1,841	1,813	775	810	830	1,458	1,491	1,505	+1
Minnesota	1,052	1,001	966	665	675	690	700	676	667	-1
Iowa	564	523	486	735	760	775	415	397	377	-5
Missouri	378	366	356	755	745	750	285	273	267	-2
North Dakota	156	147	141	645	645	635	101	95	90	-5
South Dakota	201	190	178	675	710	710	136	135	126	-7
Nebraska	212	201	193	700	700	740	148	141	143	+1
Kansas	211	206	200	670	665	705	141	137	141	+3
Delaware	15	15	15	750	780	800	11.2	11.7	12.0	+3
Maryland	170	169	168	770	800	815	131	135	137	+1
Virginia	230	224	221	725	740	750	167	166	166	0
West Virginia	67	63	61	545	585	600	37	37	37	0
North Carolina	193	190	187	635	660	685	123	125	128	+2
South Carolina	72	69	66	575	615	635	41	42	42	0
Georgia	140	140	141	620	650	680	87	91	96	+5
Florida	185	189	190	660	650	695	122	123	132	+7
Kentucky	365	352	343	650	670	685	237	236	235	0
Tennessee	328	311	306	590	610	630	194	190	193	+2
Alabama	142	138	134	460	470	490	65	65	66	+2
Mississippi	208	200	195	445	470	480	93	94	94	0
Arkansas	102	98	97	630	640	630	64	63	61	-3
Louisiana	179	175	173	455	495	490	81	87	85	-2
Oklahoma	155	151	148	685	705	740	106	106	110	+4
Texas	362	351	355	670	705	700	243	247	249	+1
Montana	47	44	42	675	690	720	32	30	30	0
Idaho	157	154	152	830	805	870	130	124	132	+6
Wyoming	19.4	18.9	18.7	705	710	715	13.7	13.4	13.4	0
Colorado	100	102	101	720	725	760	72	74	77	+4
New Mexico	38	36	36	710	720	720	27	26	26	0
Arizona	52	51	52	865	845	850	45	43	44	+2
Utah	75	76	81	880	890	890	66	68	72	+6
Nevada	13.7	13.8	13.9	865	885	885	11.9	12.2	12.3	+1
Washington	184	184	181	895	920	970	165	169	176	+4
Oregon	113	110	110	770	790	790	87	87	87	0
California	781	775	785	1,005	1,005	1,060	785	779	832	+7
Alaska	1.7	1.8	1.9	895	910	860	1.61	1.64	1.63	-1
Hawaii	13.3	12.9	12.9	800	855	890	10.6	11.0	11.5	+5
United States	12,990	12,653	12,450	740	764	782	9,612	9,673	9,732	+0.6

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

2/ Excludes milk sucked by calves.



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

State	Average 1959-68	1969	1970	State	Average 1959-68	1969	1970
Percent				Percent			
Maine	80	88	72	N. C.	84	90	91
N. H.	77	87	70	S. C.	78	87	81
Vt.	80	87	71	Ga.	82	82	87
Mass.	72	84	72	Fla.	87	90	85
R. I.	71	91	70	Ky.	81	87	88
Conn.	75	86	57	Tenn.	80	71	85
N. Y.	74	87	79	Ala.	81	79	88
N. J.	65	88	74	Miss.	80	72	91
Pa.	65	90	88	Ark.	74	69	75
Ohio	76	88	83	La.	80	71	85
Ind.	80	90	87	Okla.	76	71	48
Ill.	79	86	85	Texas	70	55	54
Mich.	80	76	79	Mont.	78	83	87
Wis.	76	64	57	Idaho	84	87	90
Minn.	75	62	61	Wyo.	79	74	87
Iowa	83	87	81	Colo.	76	83	79
Mo.	72	73	69	N. Mex.	78	80	75
N. Dak.	71	73	69	Ariz.	85	86	85
S. Dak.	68	68	54	Utah	79	91	88
Nebr.	77	75	58	Nev.	84	96	92
Kans.	78	85	54	Wash.	79	81	75
Del.	66	95	86	Oreg.	79	83	73
Md.	67	90	85	Calif.	78	88	78
Va.	76	97	89	U. S.	76	77	75
W. Va.	76	93	87				

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/		
	Aug. 1969	July 1970	Aug. 1970	Aug. 1969	July 1970	Aug. 1970	Aug. 1969	July 1970	Aug. 1970
	Pounds			Dollars					
N. Atl.	1.69	1.64	1.70	6.09	6.11	6.39	3.63	3.72	3.75
E. N. Cent.	1.66	1.63	1.65	5.06	5.13	5.24	3.05	3.14	3.18
W. N. Cent.	1.75	1.70	1.71	4.65	4.76	4.83	2.66	2.80	2.82
S. Atl.	1.83	1.78	1.77	6.40	6.53	6.59	3.50	3.66	3.72
S. Cent.	1.75	1.72	1.74	5.83	5.81	5.95	3.33	3.38	3.42
West.	1.62	1.65	1.67	5.16	5.33	5.40	3.18	3.24	3.24
U. S.	1.70	1.66	1.69	5.39	5.45	5.59	3.17	3.28	3.31

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.





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