

# milk production



AUGUST 1971

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## August milk production above last year

U. S. milk production in August is estimated at 9,871 million pounds, 1 percent more than a year earlier. Production was down 4 percent from July, about the same decline as a year ago. August output provided 1.53 pounds of milk per person daily for all uses, the same as last year, but less than the 1.60 pounds for July. Production during the first 8 months of 1971 was 0.9 percent more than the same period a year ago.

Milk production was below a year earlier in most States of the West North Central Region. In the South Atlantic Region, Florida, Georgia, and North Carolina showed increases, while other States were lower or unchanged. Production was above a year earlier in most of the North Atlantic, East North Central, and Western States. Of the five leading milk producing States, production was up from a year ago in Wisconsin, California, Minnesota, and New York but was unchanged in Pennsylvania.

## Rate per cow up 2 percent, milk cows down 1 percent

Milk output per cow averaged 797 pounds in August, up about 2 percent from August 1970. Daily production per cow averaged 25.7 pounds, 4 percent less than July and about the same decrease as between these 2 months last year. Production per cow was at a record high rate in 41 States. The highest rate was in California at 1,055 pounds, followed by Washington, 1,010 pounds; Hawaii, 920 pounds; Arizona, 910 pounds; and Utah, 900 pounds. Milk cows on farms during August totaled 12,379,000, down 1 percent from a year ago.

## Milk-feed price ratio above last year

The August milk-feed price ratio of 1.70 was 1 percent more than a year earlier, as the price of milk gained more than the ration value. Seasonally, the ratio was up 5 percent compared with 1 percent from July to August a year ago.

Pastures Above Last Year, Last Month And Average.

Reported pasture condition on September 1 was 79 percent of normal, 3 percentage points above last month and the 1960-69 average for the date, and 4 points above September 1, 1970. Only once in the last decade - in 1968 - has condition been higher on this date and that by only 2 percentage points.

All North Atlantic States reported condition above a month ago except Pennsylvania which showed a 4-point decline. Reported condition in these States ranged from 70 percent in Rhode Island to 82 in Vermont.

Every State in the North Central Region reported declines in pasture condition from August 1. The West North Central States enjoyed a good season earlier this year but short moisture supplies and high temperature during August caused deterioration. South Dakota reported pasture condition at 56 percent on September 1, the lowest of the 48 States. Indiana, at 85 percent, was the only State in the North Central group reporting pasture condition above 80 percent on September 1.

All South Atlantic States reported a higher pasture condition on September 1 than a month earlier except Georgia which equaled the 92 percent reported August 1. Delaware, at 77, was the only South Atlantic State reporting condition below 80 percent. Virginia, at 94, was the highest for the group.

In the South Central States, Oklahoma reported pasture condition at 75 percent. Though lowest in this region, this was an 11-point improvement over August 1. Texas reported 78 percent, 38 points above last month and the first month of the season with reported condition above 45 percent. Kentucky reported 94 percent, the same as August 1.

Pasture condition declined in most Western States. Montana and Colorado, both at 65 percent, reported the lowest condition in the West. Idaho with 91 percent, and Nevada at 92 had the highest pasture condition in this Region.

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			Percent
January	12,819	12,570	12,437	734	752	768	9,415	9,448	9,547	+1.0
February	12,796	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
August	12,656	12,493	12,379	764	782	797	9,673	9,767	9,871	+1.1
Jan.-Aug. total							80,150	80,692	81,433	+0.9
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		

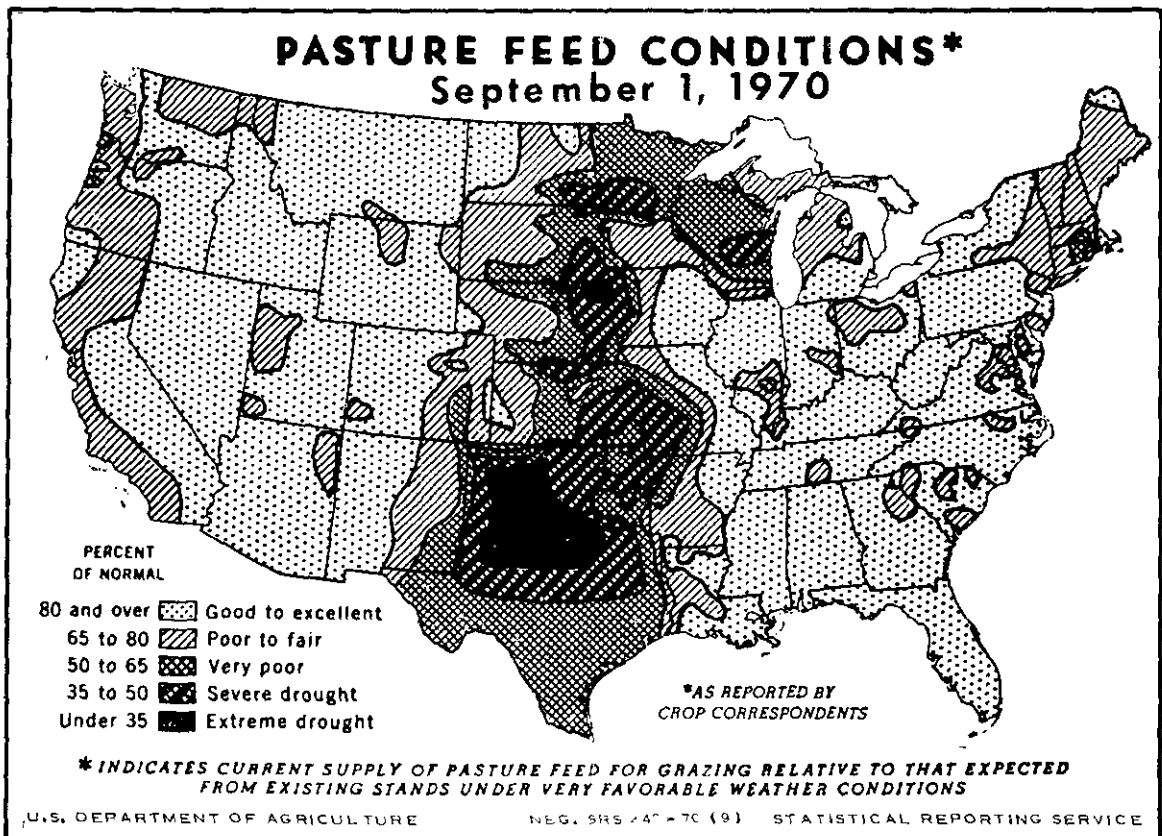
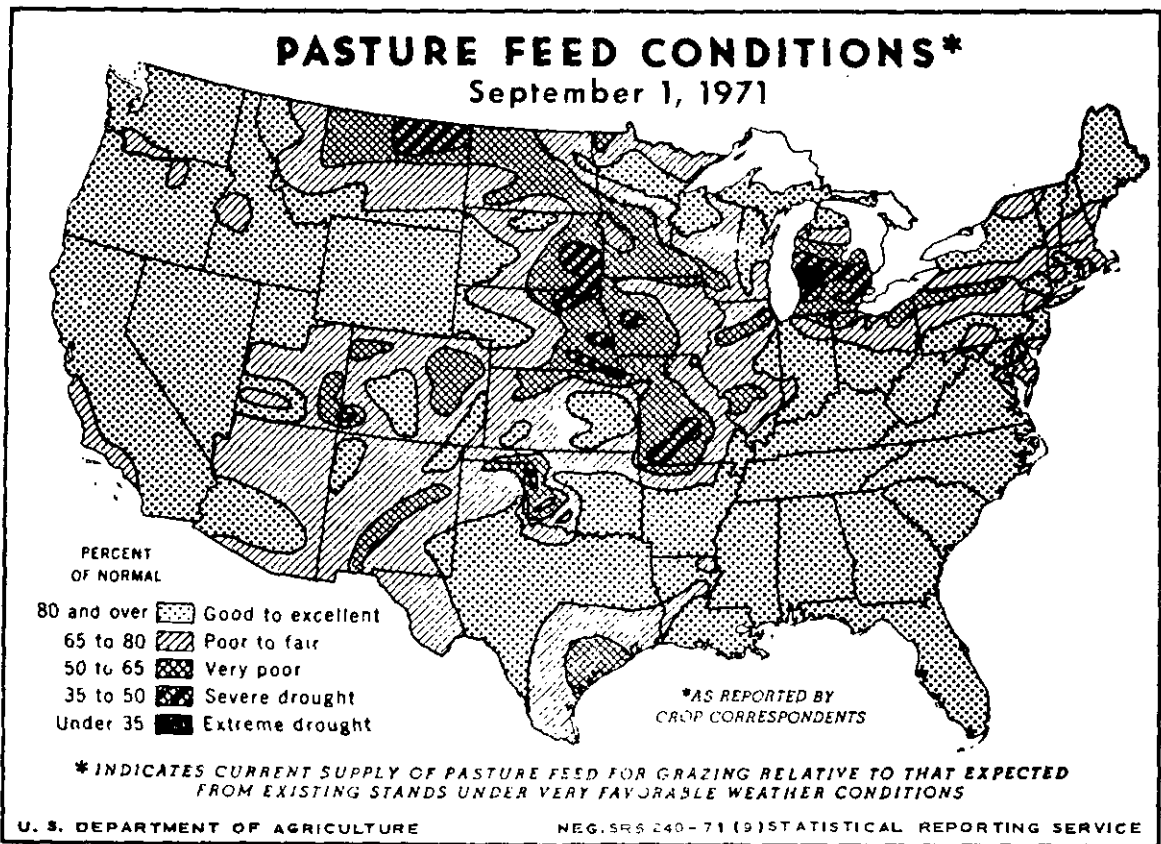
1/ Includes dry cows. Excludes heifers not yet fresh.

2/ Excludes milk sucked by calves.

August 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	Thousands	Thousands	Pounds	Pounds	Pounds	Million pounds	Million pounds	Million pounds	
Maine	69	67	66	800	820	835	55	55	55	0
New Hampshire	38	36	36	785	770	815	30	28	29	+ 4
Vermont	206	205	205	795	800	830	164	164	170	+ 4
Massachusetts	65	63	63	865	865	880	56	54	55	+ 2
Rhode Island	7.9	7.4	6.8	845	840	865	6.7	6.2	5.9	- 5
Connecticut	66	64	62	850	845	895	56	54	55	+ 2
New York	1,030	1,024	1,009	815	820	835	839	840	843	0
New Jersey	75	68	65	850	870	880	64	59	57	- 3
Pennsylvania	721	710	701	800	820	830	577	582	582	0
Ohio	462	453	442	825	815	840	381	369	371	+ 1
Indiana	240	238	237	830	840	870	199	200	206	+ 3
Illinois	314	303	297	820	835	835	257	253	248	- 2
Michigan	471	465	465	845	855	875	398	398	407	+ 2
Wisconsin	1,848	1,844	1,853	800	810	830	1,478	1,494	1,538	+ 3
Minnesota	1,001	986	972	675	690	710	676	680	690	+ 1
Iowa	523	494	471	775	800	810	405	395	382	- 3
Missouri	366	355	343	770	785	785	282	279	269	- 4
North Dakota	147	141	133	640	635	635	94	90	84	- 7
South Dakota	190	179	175	710	710	700	135	127	123	- 3
Nebraska	196	188	186	690	750	725	135	141	135	- 4
Kansas	206	200	194	675	690	715	139	138	139	+ 1
Delaware	15	15	15	785	815	800	11.8	12.2	12.0	- 2
Maryland	169	168	168	800	820	800	135	138	134	- 3
Virginia	224	221	218	730	745	750	164	165	164	- 1
West Virginia	63	59	55	585	595	595	37	35	33	- 6
North Carolina	190	187	185	660	685	710	125	128	131	+ 2
South Carolina	68	66	65	615	635	650	42	42	42	0
Georgia	143	146	147	635	660	660	91	96	97	+ 1
Florida	189	190	193	650	675	715	123	128	138	+ 8
Kentucky	352	343	337	655	665	670	231	228	226	- 1
Tennessee	311	303	300	610	630	650	190	191	195	+ 2
Alabama	138	134	134	470	490	485	65	66	65	- 2
Mississippi	200	195	189	470	475	485	94	93	92	- 1
Arkansas	98	97	97	640	650	645	63	63	63	0
Louisiana	175	171	168	495	495	545	87	85	92	+ 8
Oklahoma	151	147	144	695	710	720	105	104	104	0
Texas	351	355	355	705	720	750	247	256	266	+ 4
Montana	44	42	40	690	720	750	30	30	30	0
Idaho	154	157	160	805	850	860	124	133	138	+ 4
Wyoming	18.3	17.5	16.9	715	725	735	13.1	12.7	12.4	- 2
Colorado	102	101	101	725	760	780	74	77	79	+ 3
New Mexico	36	35	35	720	745	745	26	26	26	0
Arizona	51	52	52	845	860	910	43	45	47	+ 4
Utah	76	81	83	890	890	900	68	72	75	+ 4
Nevada	13.8	13.9	14.0	885	885	880	12.2	12.3	12.3	0
Washington	182	185	192	920	990	1,010	167	183	194	+ 6
Oregon	110	108	105	790	790	830	87	85	87	+ 2
California	775	798	814	1,005	1,055	1,055	779	842	859	+ 2
Alaska	1.8	1.9	1.8	910	870	860	1.64	1.65	1.55	- 6
Hawaii	12.9	13.1	12.5	855	870	920	11.0	11.4	11.5	+ 1
United States	12,656	12,493	12,379	764	782	797	9,673	9,767	9,871	+ 1.1

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



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

State	Average 1960-69	1970	1971	State	Average 1960-69	1970	1971
Percent				Percent			
Maine	80	72	81	N. C.	84	91	93
N. H.	77	70	76	S. C.	79	81	90
Vt.	81	71	82	Ga.	82	87	92
Mass.	71	72	76	Fla.	87	85	91
R. I.	72	70	70	Ky.	81	88	94
Conn.	74	57	78	Tenn.	78	85	92
N. Y.	76	79	81	Ala.	82	88	91
N. J.	65	74	79	Miss.	79	91	93
Pa.	67	88	72	Ark.	72	75	87
Ohio	77	83	79	La.	79	85	87
Ind.	81	87	85	Okla.	75	48	75
Ill.	79	85	69	Texas	67	54	78
Mich.	79	79	59	Mont.	80	87	65
Wis.	73	57	76	Idaho	85	90	91
Minn.	73	61	64	Wyo.	80	87	86
Iowa	83	81	64	Colo.	78	79	65
Mo.	72	69	62	N. Mex.	77	75	82
N. Dak.	73	69	64	Ariz.	85	85	77
S. Dak.	71	54	56	Utah	81	88	81
Nebr.	77	58	65	Nev.	86	92	92
Kans.	78	54	75	Wash.	80	75	83
Del.	67	86	77	Oreg.	80	73	87
Md.	68	85	84	Calif.	80	78	87
Va.	78	89	94	U. S.	76	75	79
W. Va.	78	87	90				

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

Region	Milk-feed price ratio <sup>2/</sup>			All milk price per cwt.			Ration value <sup>3/</sup>		
	Aug. <sup>4/</sup> 1970	July 1971	Aug. 1971	Aug. 1970	July 1971	Aug. 1971	Aug. 1970	July 1971	Aug. 1971
	Pounds			Dollars					
N. Atl.	1.70	1.56	1.64	6.34	6.19	6.46	3.72	3.98	3.95
E. N. Cent.	1.65	1.61	1.71	5.20	5.32	5.39	3.16	3.30	3.15
W. N. Cent.	1.70	1.69	1.81	4.85	4.94	5.01	2.86	2.92	2.77
S. Atl.	1.79	1.79	1.84	6.64	6.74	6.80	3.70	3.77	3.70
S. Cent.	1.74	1.63	1.68	6.00	6.01	6.10	3.45	3.68	3.63
West.	1.66	1.56	1.59	5.33	5.50	5.55	3.21	3.52	3.48
U. S.	1.69	1.62	1.70	5.58	5.61	5.74	3.30	3.47	3.38

<sup>1/</sup> Data for current month are preliminary.

<sup>2/</sup> Pounds of concentrate ration equal in value to 1 pound milk sold to plants.

<sup>3/</sup> Value per 100 pounds of concentrate ration fed to milk cows.

<sup>4/</sup> Revised.





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