

MILK PRODUCTION

AUGUST 1969

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August milk production slightly above a year earlier

U. S. milk production in August is estimated at 9,612 million pounds, one-half percent more than a year earlier. This is the first month with production above a year earlier since July 1967 (excluding February 1968 which had 29 days). Production for August was down 5 percent from July, compared with a 6 percent decline during the same period in 1968. August output provided 1.52 pounds of milk per person daily for all uses, compared with 1.61 pounds in July and 1.53 pounds a year earlier. Daily average production during the first eight months of 1969 was 1.0 percent less than in 1968.

August production equalled or exceeded a year earlier in most States of the North Atlantic, East North Central and South Atlantic Regions. These gains were nearly offset by declines in all of the West North Central States and most of the South Central. Production changes were mixed in the West.

August rate per cow up 3 percent from a year earlier

Milk output per cow averaged 761 pounds during August, 3 percent more than a year earlier. This is the largest year-to-year gain in monthly rate per cow in nearly 2 years. Daily output per cow in August was 24.5 pounds, 5 percent less than July, compared with a 6 percent decrease during this period in 1968. Production per cow was at record high levels for August in 44 States--highest in California at 1,005 pounds. Following were Washington, 900 pounds; Alaska, 890 pounds; and Massachusetts and Nevada, both with 885 pounds.

Milk-feed price ratio same as a year earlier

The August milk-feed price ratio of 1.71 equalled the August record high set in 1968. This was the first month in which the ratio did not increase over a year earlier since July 1967. Increases have been relatively small in recent months after the period of large increases in 1968 and early 1969. The milk-feed ratio was up 4 percent seasonally from July, the same increase as in 1968. By regions, the August ratio was highest in the South Atlantic and lowest in the West.

Pastures in fair condition on September 1

Pastures for the Nation as a whole were fair on September 1. The reported condition at 77 equalled the 1958-67 average for the date but was 4 points below a year ago and 5 points below August 1, 1969. The 10-year average shows a decline of only 1 point during August.

August temperatures were below normal in the southeastern quarter of the Nation. Much of the Southwest and North had above-normal temperatures. Rainfall

was generally above normal in the South Central and Southeastern areas where hurricane Camille brought heavy rains in mid-August. In much of the West and North Central area, August rainfall was below normal.

All States in the North Atlantic Region reported pasture condition of 84 or above on September 1. All reported condition for the date better than average, as well as above a month ago and a year ago, with one exception. New York, at 87, was down 3 points from August 1.

The greatest decline in pasture condition during August occurred in the North Central States. Michigan, Wisconsin, and Minnesota reported condition below a month earlier, a year ago and average. Condition was below August 1 in all States of this group, with declines ranging from 5 points in Kansas to 29 in Minnesota.

Pastures in most South Atlantic States have improved as the season progressed this year and on September 1 all were in good to excellent condition. Reported condition varied from 82 in Georgia to 97 in Virginia. Most States in the group were above a month earlier, a year ago and the 10-year average.

Greatest variation in September 1 pasture condition was in the South Central States. Condition ranged from 55 in Texas (the lowest of 48 States) to 87 in Kentucky, the only State in this group above 80 percent. Most South Central States were below last month, last year and average.

In the Western States, pastures were mostly in good to excellent condition on September 1. Only Wyoming at 74 percent fell below 80 percent. Others ranged from 80 in New Mexico to 96 in Nevada. While most States reported slight seasonal declines, 4 Western States improved by 2 to 3 points over August 1.

Table 1.--Milk per cow and milk production by months, United States

Month	Milk per cow			Milk production			Change from 1968
	1967	1968	1969	1967	1968	1969	
	- - Pounds - -			- Million pounds -			Percent
January	713	721	735	9,802	9,546	9,407	-1.5
February	667	698	689	9,150	9,207	8,795	-4.5
March	762	773	784	10,407	10,169	9,983	-1.8
April	784	797	807	10,675	10,457	10,261	-1.9
May	837	858	869	11,360	11,227	11,046	-1.6
June	817	832	850	11,038	10,840	10,766	-0.7
July	767	785	804	10,326	10,201	10,165	-0.4
August	722	738	761	9,688	9,567	9,612	+0.5
Jan.-Aug. Total ...	-	-	-	82,446	81,214	80,035	-1.5
September	681	699		9,114	9,035		
October	687	707		9,169	9,120		
November	660	678		8,781	8,721		
December	698	716		9,259	9,191		
Annual	8,797	9,006		118,769	117,281		

Table 2.-August milk per cow and milk production, by States

State	Milk per cow ^{1/}			Milk production			
	1967	1968	1969	1967	1968	1969	Change from 1968
	Pounds			Million pounds			Percent
Maine.....	775	770	810	54	53	54	+2
New Hampshire.....	745	760	805	29	30	31	+3
Vermont.....	700	730	785	148	153	160	+5
Massachusetts.....	810	840	885	59	57	58	+2
Rhode Island.....	820	815	845	7.2	6.6	6.6	0
Connecticut.....	815	830	860	56	56	56	0
New York.....	745	745	780	794	770	800	+4
New Jersey.....	810	825	840	69	64	62	-3
Pennsylvania.....	770	775	810	570	563	585	+4
Ohio.....	795	785	805	390	371	371	0
Indiana.....	760	790	835	204	198	200	+1
Illinois.....	800	800	840	278	262	262	0
Michigan.....	800	830	850	397	389	400	+3
Wisconsin.....	755	765	800	1,453	1,439	1,473	+2
Minnesota.....	640	665	685	696	700	689	-2
Iowa.....	730	750	770	440	423	409	-3
Missouri.....	740	735	730	291	278	267	-4
North Dakota.....	610	640	640	104	99	92	-7
South Dakota.....	630	665	685	132	134	133	-1
Nebraska.....	665	690	690	149	144	137	-5
Kansas.....	625	655	650	137	138	133	-4
Delaware.....	720	750	770	11.5	11.2	10.8	-4
Maryland.....	740	740	770	129	126	130	+3
Virginia.....	695	705	740	167	162	166	+2
West Virginia.....	540	545	585	39	37	37	0
North Carolina.....	630	645	660	125	124	125	+1
South Carolina.....	585	585	600	43	42	43	+2
Georgia.....	590	610	620	84	84	87	+4
Florida.....	675	675	665	122	122	120	-2
Kentucky.....	645	650	660	244	237	232	-2
Tennessee.....	580	590	610	201	194	190	-2
Alabama.....	435	460	465	64	65	64	-2
Mississippi.....	445	450	470	97	94	93	-1
Arkansas.....	600	630	655	64	64	64	0
Louisiana.....	445	455	490	83	81	85	+5
Oklahoma.....	695	685	720	110	106	109	+3
Texas.....	660	670	715	252	243	240	-1
Montana.....	660	665	690	33	31	30	-3
Idaho.....	795	820	790	124	128	123	-4
Wyoming.....	685	705	710	13.9	13.7	13.5	-1
Colorado.....	705	710	725	68	71	74	+4
New Mexico.....	685	710	730	26	27	27	0
Arizona.....	825	865	880	42	45	46	+2
Utah.....	830	880	880	63	66	69	+5
Nevada.....	865	865	885	11.7	11.9	12.3	+3
Washington.....	850	895	900	165	165	166	+1
Oregon.....	750	770	780	86	87	85	-2
California.....	960	1,010	1,005	749	789	779	-1
Alaska.....	850	895	890	1.53	1.61	1.60	-1
Hawaii.....	840	800	880	12.1	10.6	11.0	+4
United States.....	722	738	761	9,688	9,567	9,612	+0.5

^{1/} Monthly rate based on all milk cows on farms (in milk or dry).

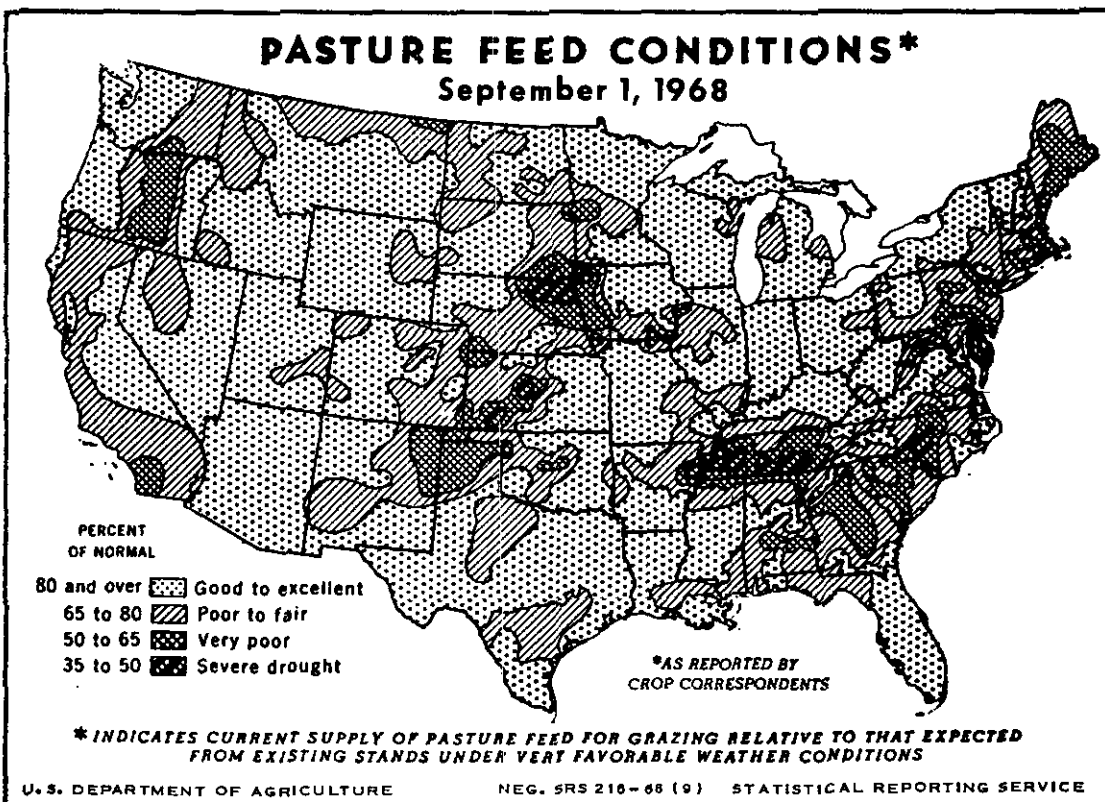
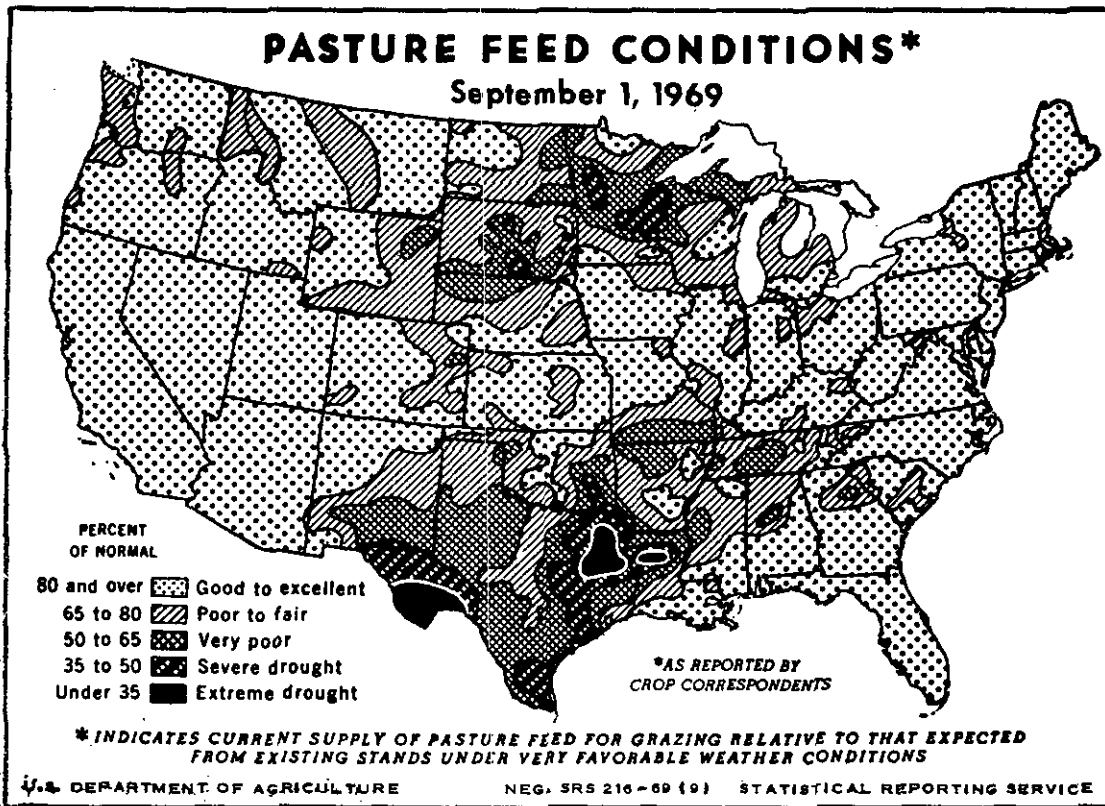


Table 3.--September 1 pasture feed condition, as percentage of normal, by States

State and division	Average 1958-67	1968	1969	State and division	Average 1958-67	1968	1969
	----- Percent -----				----- Percent -----		
Me.	83	65	88	N. C.	86	73	90
N. H.	79	75	87	S. C.	80	63	87
Vt.	81	82	87	Ga.	83	69	82
Mass.	74	64	84	Fla.	87	81	90
R. I.	74	66	91	S. Atl. ..	82	78	90
Conn.	78	68	86	Ky.	82	89	87
N. Y.	74	86	87	Tenn.	83	60	71
N. J.	68	63	88	Ala.	83	74	79
Pa.	69	74	90	Miss.	81	81	72
N. Atl.	73	79	88	Ark.	75	81	69
Ohio.....	76	94	88	La.	81	86	71
Ind.	80	94	90	Okla.	77	83	71
Ill.	80	85	86	Tex.	69	80	55
Mich.	78	87	76	S. Cent. ..	77	80	69
Wis.	73	91	64	Mont.	77	83	83
E. N. Cent. .	77	90	81	Idaho.....	84	88	87
Minn.	74	83	62	Wyo.	79	85	74
Iowa.....	84	79	87	Colo.	77	78	83
Mo.	72	86	73	N. Mex.	78	80	80
N. Dak.	68	81	73	Ariz.	85	88	86
S. Dak.	67	71	68	Utah.....	77	90	91
Nebr.	79	68	75	Nev.	84	85	96
Kans.	79	77	85	Wash.	76	84	81
W. N. Cent. .	76	81	76	Oreg.	78	84	83
Del.	71	50	95	Calif.	80	76	88
Md.	69	73	90	West.	79	82	85
Va.	77	85	97	U. S.	77	81	77
W. Va.	77	87	93				

Table 4.--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. 1968	July 1969	Aug. 1969	Aug. 1968	July 1969	Aug. 1969	Aug. 1968	July 1969	Aug. 1969
	----- Pounds -----			----- Dollars -----					
N. Atl.	1.70	1.60	1.71	6.05	5.79	6.16	3.56	3.62	3.60
E. N. Cent. ..	1.69	1.64	1.69	4.87	4.93	5.04	2.88	3.00	2.99
W. N. Cent. ..	1.73	1.71	1.76	4.47	4.54	4.63	2.58	2.65	2.63
S. Atl.	1.85	1.83	1.86	6.28	6.38	6.50	3.40	3.48	3.49
S. Cent.	1.75	1.71	1.75	5.67	5.68	5.82	3.24	3.32	3.32
West.	1.61	1.59	1.61	5.03	5.03	5.08	3.12	3.16	3.16
U. S.	1.71	1.65	1.71	5.24	5.21	5.37	3.06	3.15	3.14

1/ Data for current month are preliminary.

2/ Pounds of concentrate ration equal in value to 1 pound of wholesale milk.

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

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