

MILK PRODUCTION

SEPTEMBER 1969

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September milk production 1 percent above a year earlier

U. S. milk production in September is estimated at 9,126 million pounds, 1 percent more than a year earlier. Daily average production for September was down 2 percent from August, compared with a 3 percent decline a year earlier. September output provided 1.49 pounds of milk per person daily, for all uses, the same as a year earlier but down seasonally from the 1.52 pounds in August. Daily average production during the first 9 months of the year was 0.9 percent less than in 1968.

September milk production equaled or exceeded a year earlier in most States of the North Atlantic, East North Central, and South Atlantic Regions. Production changes were mixed in the South Central and West and mostly down in the West North Central Region.

September rate per cow up 4 percent from a year earlier

Milk output per cow averaged 724 pounds during September, 4 percent more than a year earlier. Daily output per cow in September was 24.1 pounds, 2 percent less than August -- the same seasonal decrease as in 1968. Production per cow was record high for September in 46 States -- highest in California at 950 pounds. Following were Washington, 900 pounds; Alaska, 895 pounds; and Arizona, 880 pounds.

Milk-feed price ratio 1 percent less than a year earlier

The September milk-feed price ratio, 1.78, was 1 percent less than a year earlier because higher ration values more than offset a milk price increase. The ratio increased 5 percent seasonally from August, compared with a 4 percent increase during this same period in 1968.

Grain and concentrate feeding up 7 percent from a year earlier

Grain and concentrates fed on October 1 averaged 10.2 pounds per milk cow -- up 7 percent from a year earlier and a record high for the date. Feeding rates were above a year earlier in 42 States and averaged 11 or more pounds per cow in 16 States. Ten States were feeding 11 or more pounds of grain and concentrate per cow last October 1.

Pasture condition about average for October 1

Pastures continued in fair condition for the Nation as a whole on October 1. The reported condition at 79 was 3 points below a year ago, up 2 from September 1, and 1 above the 1958-67 average for October 1.

Temperatures during September averaged above normal in the western half of the United States and below normal in most of the East. Rains covered the southeastern quarter of the Nation early in the month. In the second week

hurricane Gerda poured up to 4 inches of rain on coastal New England. By mid-month heavy showers caused flash floods along some streams in Kansas, Oklahoma, Missouri, and Illinois and Pacific storms moved into the far northwest. At month's end, torrential rains hit northwestern Florida. September rainfall was below normal in most other areas.

All States in the North and South Atlantic Regions reported good to excellent pasture condition on October 1, although there was some seasonal decline in pasture feed. Most of these States showed vast improvement over a year ago when much of this area was suffering from drought. New York at 83 was the only Atlantic Coast State reporting poorer condition than a year earlier.

Widest variation in October 1 pasture condition was in the East North Central Region. Wisconsin condition at 59 was the lowest of 48 States, and lowest for the date since 1948. Michigan condition declined 9 points during September to 67 on October 1, lowest for the date since 1955. By contrast, Ohio and Indiana condition was reported at 87 and 88 percent, much above average for the date.

West North Central States reported pasture condition on October 1 ranging from 66 in North Dakota to 87 in Iowa. Most States in this group reported condition below a year ago and average, although several showed gains from a month earlier. Rains late in the month helped pastures in the central and southern Great Plains.

Pasture condition in Louisiana was 61 on October 1, poorest in the South Central Region, followed closely by Arkansas at 64. Kentucky pasture condition declined slightly but at 86 was still best in the region.

Wyoming reported pasture condition at 68 percent on October 1, lowest of any western State. Montana at 77 received the first significant rain in 11 weeks. Both States reported condition below last month, last year, and average. Utah with 90 and Nevada with 91 reported the highest pasture condition in the Western Region on October 1.

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

Month	Milk per cow			Milk production			Change :from 1968 Percent
	1967	1968	1969	1967	1968	1969	
	-- Pounds --			-- Million pounds --			
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
September	681	699	724	9,114	9,035	9,126	+1.0
Jan.-Sept. Total ...	---	---	---	91,560	90,249	89,161	-1.2
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		

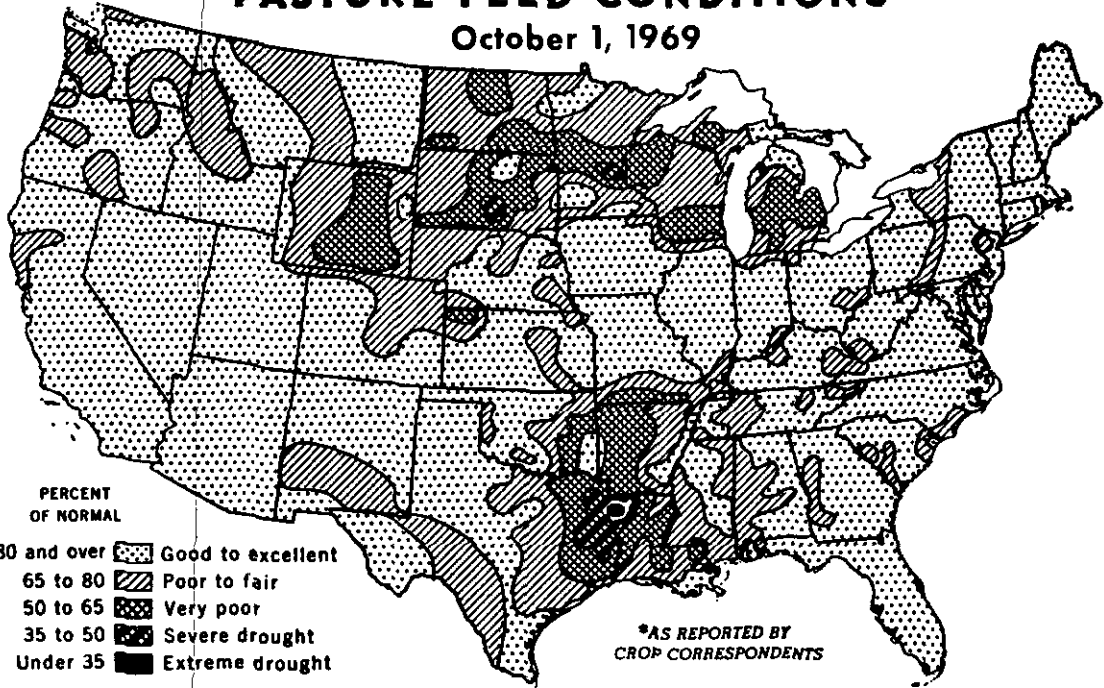
Table 2.--September milk per cow and milk production, by States

State	Milk per cow ^{1/}			Milk production			
	1967	1968	1969	1967	1968	1969	Change from 1968
	Pounds			Million pounds			Percent
Maine	735	735	780	51	51	52	+ 2
New Hampshire	765	755	800	30	29	30	+ 3
Vermont	690	715	760	146	149	157	+ 5
Massachusetts	795	815	855	58	55	56	+ 2
Rhode Island	785	785	810	6.8	6.3	6.3	0
Connecticut	815	825	845	55	55	55	0
New York	740	745	780	787	768	797	+ 4
New Jersey	775	795	820	65	61	60	- 2
Pennsylvania	760	775	815	561	563	590	+ 5
Ohio	750	780	810	366	368	373	+ 1
Indiana	720	775	820	192	194	195	+ 1
Illinois	725	735	770	251	240	239	0
Michigan	780	815	840	385	381	394	+ 3
Wisconsin	690	695	730	1,326	1,305	1,342	+ 3
Minnesota	565	565	580	612	593	581	- 2
Iowa	670	690	700	402	387	370	- 4
Missouri	670	680	690	263	256	252	- 2
North Dakota	510	530	525	86	81	75	- 7
South Dakota	570	610	630	119	122	122	0
Nebraska	590	620	625	131	128	124	- 3
Kansas	610	640	650	133	135	133	- 1
Delaware	700	720	750	11.2	10.8	10.5	- 3
Maryland	710	740	770	123	126	130	+ 3
Virginia	660	665	700	158	152	157	+ 3
West Virginia	520	525	550	37	35	35	0
North Carolina	630	640	650	125	123	124	+ 1
South Carolina	570	595	615	42	43	44	+ 2
Georgia	600	615	640	85	85	90	+ 6
Florida	665	650	645	120	118	117	- 1
Kentucky	590	615	625	223	224	219	- 2
Tennessee	535	550	590	184	179	183	+ 2
Alabama	445	470	480	66	67	66	- 1
Mississippi	425	440	450	93	91	89	- 2
Arkansas	550	585	585	59	59	57	- 3
Louisiana	440	470	500	82	84	86	+ 2
Oklahoma	670	660	700	106	102	106	+ 4
Texas	645	655	705	246	235	237	+ 1
Montana	600	620	660	30	29	28	- 3
Idaho	755	765	755	118	119	117	- 2
Wyoming	635	650	655	12.8	12.5	12.4	- 1
Colorado	685	690	710	67	69	72	+ 4
New Mexico	685	685	705	26	26	26	0
Arizona	825	880	880	42	46	46	0
Utah	800	810	840	60	61	66	+ 8
Nevada	815	840	855	11.0	11.5	11.9	+ 3
Washington	830	875	900	160	162	166	+ 2
Oregon	680	710	730	78	80	79	- 1
California	910	955	950	710	746	736	- 1
Alaska	840	860	895	1.51	1.46	1.52	+ 4
Hawaii	800	770	835	11.6	10.2	10.7	+ 5
United States	681	699	724	9,114	9,035	9,126	+ 1.0

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

PASTURE FEED CONDITIONS*

October 1, 1969



PERCENT OF NORMAL

- 80 and over Good to excellent
- 65 to 80 Poor to fair
- 50 to 65 Very poor
- 35 to 50 Severe drought
- Under 35 Extreme drought

*AS REPORTED BY CROP CORRESPONDENTS

*INDICATES CURRENT SUPPLY OF PASTURE FEED FOR GRAZING RELATIVE TO THAT EXPECTED FROM EXISTING STANDS UNDER VERY FAVORABLE WEATHER CONDITIONS

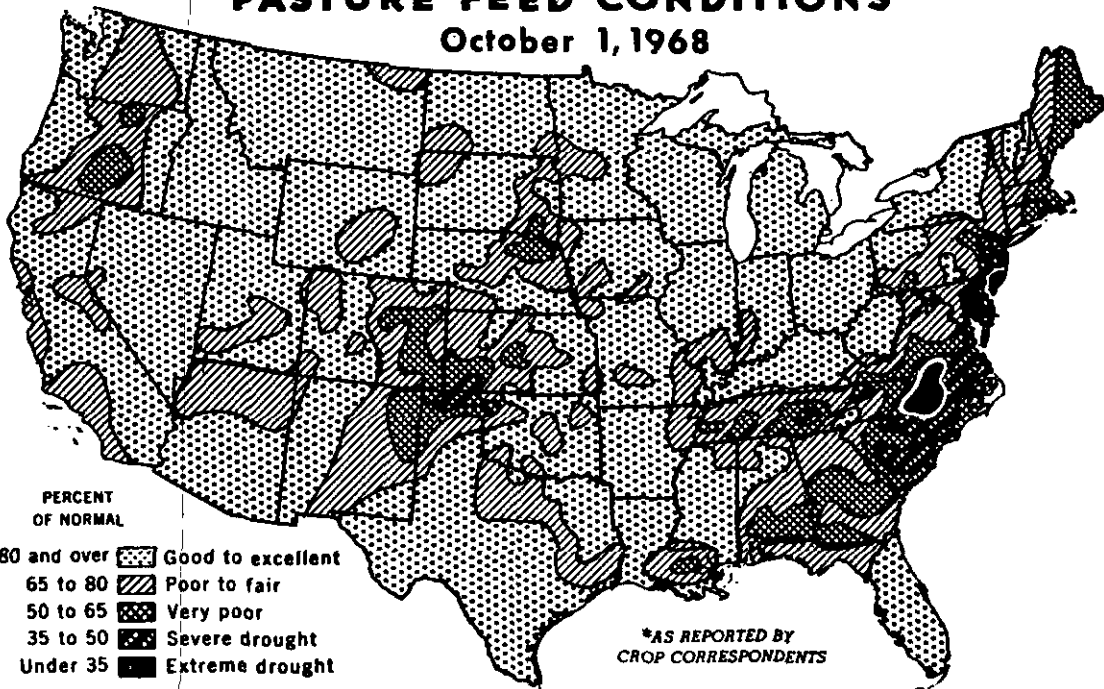
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Table 3.--October 1 pasture feed condition, as percentage of normal, by States

State and division	Average 1958-67	1968	1969	State and division	Average 1958-67	1968	1969
Percent				Percent			
Me.	82	63	89	N. C.	82	55	90
N. H.	81	77	88	S. C.	76	53	87
Vt.	83	75	89	Ga.	79	67	83
Mass.	76	60	85	Fla.	84	80	87
R. I.	81	64	91	S. Atl.	79	70	88
Conn.	76	65	84	Ky.	82	89	86
N. Y.	75	88	83	Tenn.	81	67	81
N. J.	67	40	80	Ala.	79	72	83
Pa.	68	75	85	Miss.	81	83	77
N. Atl.	74	79	85	Ark.	79	84	64
Ohio	73	92	87	La.	83	85	61
Ind.	76	92	88	Okla.	82	83	80
Ill.	79	86	85	Tex.	76	84	72
Mich.	81	92	67	S. Cent.	79	82	75
Wis.	81	92	59	Mont.	78	92	77
E. N. Cent.	78	91	77	Idaho	83	91	84
Minn.	80	87	71	Wyo.	80	87	68
Iowa	88	86	87	Colo.	78	71	81
Mo.	74	85	80	N. Mex.	79	72	86
N. Dak.	69	86	66	Ariz.	83	84	87
S. Dak.	72	77	69	Utah	78	86	90
Nebr.	82	76	78	Nev.	83	85	91
Kans.	82	78	84	Wash.	77	92	79
W. N. Cent.	79	84	79	Oreg.	78	89	85
Del.	68	46	89	Calif.	78	80	87
Md.	66	70	86	West.	79	84	83
Va.	76	66	93	U. S.	78	82	79
W. Va.	72	82	89				

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/		
	Sept. 1968	Aug. 1969	Sept. 1969	Sept. 1968	Aug. 1969	Sept. 1969	Sept. 1968	Aug. 1969	Sept. 1969
	Pounds			Dollars					
N. Atl.	1.75	1.69	1.73	6.26	6.08	6.29	3.57	3.60	3.64
E. N. Cent.	1.78	1.68	1.77	5.10	5.03	5.23	2.87	2.99	2.96
W. N. Cent.	1.84	1.75	1.83	4.67	4.61	4.80	2.54	2.63	2.62
S. Atl.	1.91	1.83	1.92	6.45	6.40	6.62	3.38	3.49	3.45
S. Cent.	1.84	1.74	1.83	5.92	5.77	6.06	3.21	3.32	3.32
West.	1.66	1.61	1.65	5.17	5.08	5.21	3.12	3.16	3.15
U. S.	1.79	1.70	1.78	5.46	5.34	5.56	3.05	3.14	3.13

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.

Table 5.--Grain and other concentrates fed daily per milk cow in herds kept by reporters, October 1, by States

State	1967	1968	1969
	----- Rounda -----		
Maine	10.6	10.7	11.3
New Hampshire	9.6	10.3	10.7
Vermont	8.9	9.3	9.7
Massachusetts	11.6	11.7	12.5
Rhode Island	12.0	11.7	12.0
Connecticut	12.1	12.7	13.0
New York	9.5	10.1	10.4
New Jersey	10.6	10.8	11.0
Pennsylvania	11.8	12.4	12.7
Ohio	10.5	11.2	11.4
Indiana	10.3	10.6	12.1
Illinois	9.2	10.1	11.2
Michigan	9.9	9.8	10.5
Wisconsin	7.7	8.3	8.7
Minnesota	8.2	8.3	9.4
Iowa	8.9	9.2	9.4
Missouri	8.3	8.3	9.5
North Dakota	7.5	7.8	8.0
South Dakota	6.6	7.8	7.6
Nebraska	8.1	7.7	8.1
Kansas	9.7	10.1	10.5
Delaware	11.9	11.2	13.0
Maryland	11.2	11.2	12.1
Virginia	9.3	9.6	10.7
West Virginia	6.9	6.7	6.4
North Carolina	9.0	10.0	10.1
South Carolina	9.0	9.7	10.2
Georgia	11.0	11.1	11.5
Florida	10.0	10.0	10.0
Kentucky	8.0	8.3	8.1
Tennessee	6.1	7.6	8.5
Alabama	10.0	8.5	9.0
Mississippi	7.5	8.5	10.0
Arkansas	8.2	9.0	10.3
Louisiana	9.0	9.0	9.2
Oklahoma	10.0	11.1	12.0
Texas	6.7	8.3	12.0
Montana	6.5	6.4	7.8
Idaho	7.3	7.5	7.8
Wyoming	5.3	6.0	7.0
Colorado	9.9	8.8	10.5
New Mexico	7.5	10.0	9.0
Arizona	9.0	9.0	11.0
Utah	9.2	8.8	9.0
Nevada	11.0	10.0	9.5
Washington	7.2	8.1	10.5
Oregon	7.8	8.7	9.9
California	11.0	12.0	12.5
United States	9.0	9.5	10.2



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