

MILK PRODUCTION

September 12, 1967

August milk output about the same as a year earlier

August milk production in the United States is estimated as 9,757 million pounds, about the same as a year earlier but 4 percent below the five-year average for the month. Production was down 5 percent from July compared with the average seasonal decrease of 6 percent. August output provided 1.58 pounds of milk per person daily, compared with 1.60 pounds a year earlier. For the first eight months of the year, production was about the same as in the year earlier period.

Milk production was below a year earlier in the North Atlantic States, except New York, and in the North Central States, except Wisconsin and Minnesota. Increases were reported in the South Atlantic States, except in Delaware. In the South Central Region, gains of 2 percent or more over a year earlier are estimated for Louisiana, Oklahoma, and Texas, and there is little change elsewhere. In the West, 8 States showed decreases and 3 showed increases.

Table 1.--Milk per cow and milk production by months, United States, 1967, with comparisons

Month	Milk per cow			Milk production			
	Average : :1961-65 :	1966 :	1967 :	Average : :1961-65 :	1966 :	1967 :	Change : from 1966
	Pounds	Pounds	Pounds	Million pounds	Million pounds	Million pounds	Percent
January	621	678	715	10,222	9,805	9,855	+0.5
February	591	635	670	9,696	9,137	9,217	+0.9
March	676	736	766	11,062	10,537	10,510	-0.3
April	690	752	785	11,260	10,725	10,732	+0.1
May	757	812	844	12,310	11,525	11,508	-0.1
June	729	798	821	11,816	11,269	11,146	-1.1
July	671	736	761	10,849	10,350	10,311	-0.4
August	629	696	722	10,148	9,763	9,757	-0.1
Jan.-Aug. total:	---	---	---	87,365	83,111	83,036	-0.1
September	592	663		9,522	9,263		
October	602	670		9,643	9,333		
November	581	649		9,288	9,012		
December	618	687		9,841	9,511		
Annual	7,759	8,513		125,660	120,230		

Table 2.-Monthly milk per cow and milk production
August 1967, with comparisons

State	Monthly milk per cow 1/			Milk production			Change from 1966
	August av. 1961-65	August 1966	August 1967	August av. 1961-65	August 1966	August 1967	
	Pounds	Pounds	Pounds	Million pounds	Million pounds	Million pounds	
Maine	703	745	780	60	55	53	-4
New Hampshire	678	750	760	33	31	30	-3
Vermont	640	730	750	158	155	154	-1
Massachusetts	760	830	845	65	61	60	-2
Rhode Island	767	820	835	9.0	7.7	7.1	-8
Connecticut	746	825	835	59	58	57	-2
New York	663	700	735	804	771	788	+2
New Jersey	770	820	810	89	79	72	-9
Pennsylvania	682	745	755	579	566	556	-2
Ohio	729	785	790	444	407	397	-2
Indiana	717	765	790	264	226	217	-4
Illinois	707	790	830	343	304	295	-3
Michigan	758	800	800	468	429	410	-4
Wisconsin	658	720	750	1,400	1,427	1,458	+2
Minnesota	530	590	620	670	670	676	+1
Iowa	644	715	730	506	466	460	-1
Missouri	587	675	700	319	281	272	-3
North Dakota	556	580	620	138	113	105	-7
South Dakota	520	605	610	123	128	124	-3
Nebraska	592	625	615	168	148	137	-7
Kansas	530	610	625	147	137	134	-2
Delaware	677	725	750	14.1	12.3	12.0	-2
Maryland	666	715	750	133	128	130	+2
Virginia	599	670	715	172	167	172	+3
West Virginia	461	500	575	48	40	42	+5
North Carolina	548	610	640	129	128	132	+3
South Carolina	476	545	585	44	42	44	+5
Georgia	465	550	600	83	82	86	+5
Florida	580	630	690	103	113	124	+10
Kentucky	569	635	660	264	250	249	0
Tennessee	523	550	575	222	205	206	0
Alabama	361	435	460	69	68	68	0
Mississippi	362	410	445	108	98	97	-1
Arkansas	457	575	620	77	66	66	0
Louisiana	359	420	445	78	82	84	+2
Oklahoma	553	665	695	115	110	112	+2
Texas	501	631	705	247	251	264	+5
Montana	564	580	615	36	31	30	-3
Idaho	730	790	800	135	127	124	-2
Wyoming	607	655	665	15.5	14.0	13.6	-3
Colorado	651	715	735	72	71	72	+1
New Mexico	572	655	675	22	25	26	+4
Arizona	780	850	845	40	44	43	-2
Utah	736	830	820	63	64	63	-2
Nevada	740	865	855	10.6	11.6	11.5	-1
Washington	790	855	850	168	168	165	-2
Oregon	668	735	745	95	90	88	-2
California	912	965	970	726	742	757	+2
Alaska	772	810	825	2.00	1.62	1.57	-3
Hawaii	757	820	865	10.8	12.0	12.4	+3
United States	629	696	722	10,148	9,763	9,757	-0.1

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

August rate per cow up 4 percent from a year earlier

Milk production per cow during August averaged 722 pounds, up 4 percent from a year earlier and 15 percent above average for the month. Production per cow was at a record level for the month in 44 States. In August, daily output per cow averaged 23.3 pounds, 1.2 pounds less than July but 0.9 pound below a year earlier.

By States, August production per cow was highest at 970 pounds in California. Following were Hawaii, 865 pounds; Nevada, 855 pounds; Washington, 850 pounds; and Massachusetts and Arizona, both 845 pounds per cow during the month.

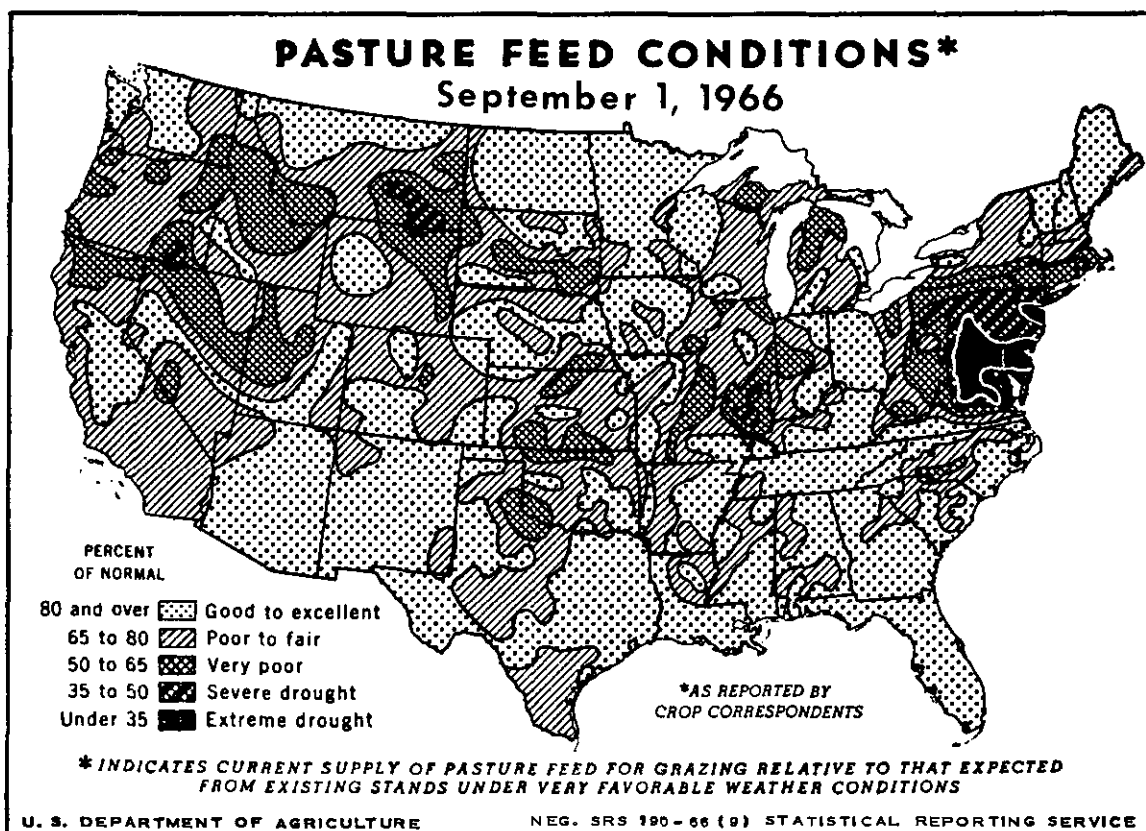
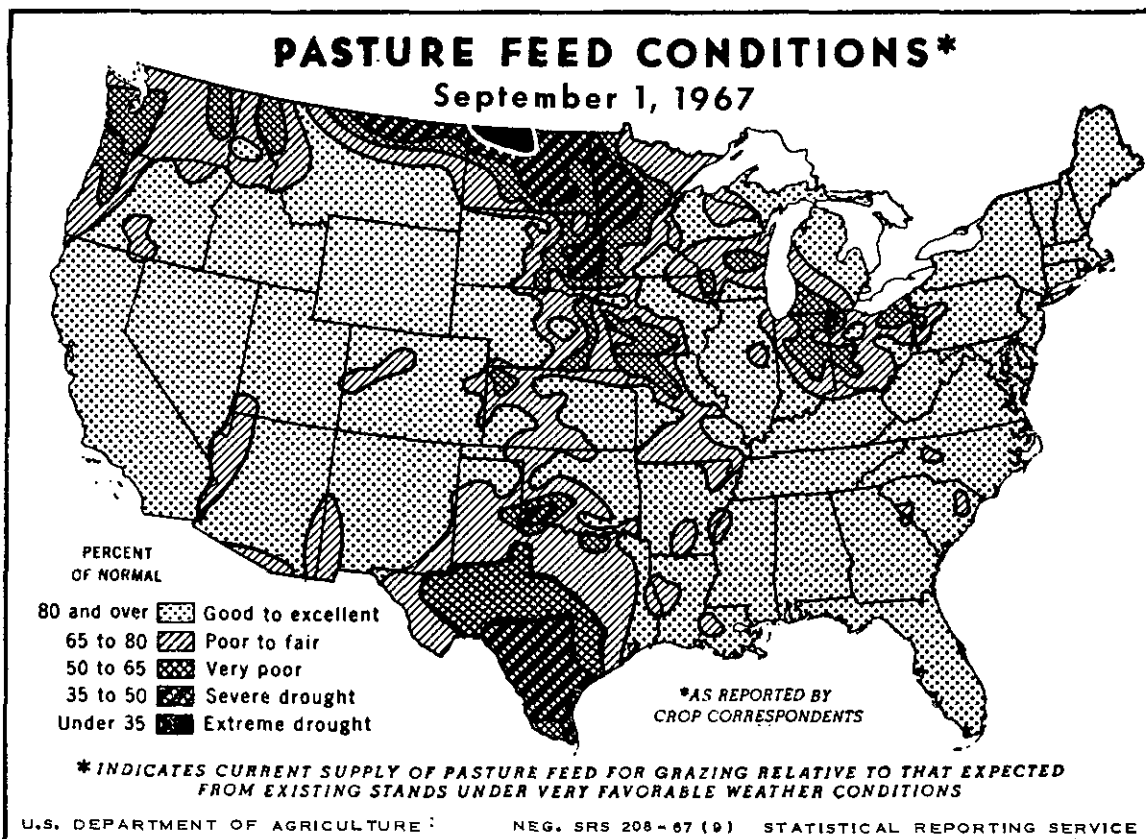
Dairy pasture condition down sharply from August 1

Reported daily pasture feed condition on September 1 averaged 79 percent of normal, highest for the date since 1961. This is 6 percentage points below last month. The average August decline is 1 point. The September 1, 1967 condition was 4 points above last year and 5 points above average for the date.

In most of the North and South Atlantic States, August rainfall was well above normal and September 1 pasture feed condition was the highest in several years. New Hampshire and New York reported the highest September 1 condition in about 4 decades.

Pasture condition in most of the North Central States declined more than usual during August, as a result of below-normal rainfall. However, in Illinois and Michigan above-normal rainfall and below-average temperatures favored pastures and on September 1 condition was the highest in Illinois since 1958 and in Michigan, since 1961. Very dry conditions prevailing in North Dakota on August 1 spread into Minnesota and South Dakota during the month, where, on September 1, pasture feed condition was 14 to 27 points below average.

In most South Central States there was little change in pasture condition from August 1, although Arkansas, Oklahoma, and Texas showed much deterioration. Compared with September 1 last year, except in Texas, conditions improved in the South Central States. Rains in Texas during the last 10 days of August will help fall pastures. Alabama condition was highest for September 1 since records began in 1920.



(Continued from page 3)

Above-average temperatures and below normal rainfall characterized August weather in most of the West. The area west of the Cascades has been hardest hit by the drought. Oregon has had no measurable rain in most areas since June 20. Since August 1, pasture feed condition has declined most in Montana, Washington, and Oregon. September 1 condition for Washington was the lowest since 1958, but on September 1 was still above a year earlier in Montana and Oregon.

Table 3.-Dairy pasture feed conditions, as percentage of normal, September 1, 1967, with comparisons ^{1/}

State and division	Sept. 1, av. 1961-65	Sept. 1, 1966	Sept. 1, 1967	State and division	Sept. 1, av. 1961-65	Sept. 1, 1966	Sept. 1, 1967
	Percent	Percent	Percent		Percent	Percent	Percent
Me.	77	82	94	N. C.	84	79	91
N. H.	70	78	94	S. C.	79	81	88
Vt.	77	84	91	Ca.	83	84	90
Mass.	64	65	92	Fla.	87	87	90
R. I.	68	60	89	S. Atl.	75	68	91
Conn.	70	57	89	Ky.	75	84	93
N. Y.	69	71	93	Tenn.	78	87	93
N. J.	58	33	90	Ala.	82	80	93
Pa.	61	49	88	Miss.	79	79	90
N. Atl.	67	64	91	Ark.	66	82	83
Ohio	71	84	71	La.	76	85	86
Ind.	80	71	70	Okla.	70	74	77
Ill.	75	67	93	Tex.	62	81	58
Mich.	76	75	79	S. Cent.	72	81	80
Wis.	68	76	76	Mont.	82	70	76
E. N. Cent. ..	73	75	78	Idaho	87	69	88
Minn.	75	83	60	Wyo.	83	65	97
Iowa	82	82	75	Colo.	78	77	87
Mo.	67	75	72	N. Mex.	72	84	83
N. Dak.	74	87	47	Ariz.	83	86	88
S. Dak.	73	70	59	Utah	80	70	93
Nebr.	78	79	80	Nev.	88	74	96
Kans.	77	73	80	Wash.	84	82	59
W. N. Cent. ..	76	80	68	Oreg.	82	69	70
Del.	62	29	94	Calif.	80	74	88
Md.	60	34	94	West.	81	74	81
Va.	70	69	92				
W. Va.	73	60	89	U. S.	74	75	79

^{1/} Indicates current supply of feed for grazing relative to that expected from existing stands under very favorable weather conditions. U. S. averages may differ from those published in Crop Production in that States are combined with dairy rather than all livestock weights.

Milk-feed price ratio up 7 percent from July to August

The average value of concentrate ration fed to milk cows in milk-selling areas of the U. S. decreased 8 cents per hundredweight from July to August, while the price of all milk sold to plants increased 18 cents. The resulting milk-feed price ratio (pounds of concentrate ration equal in value to one pound of milk) increased from 1.49 in July to 1.59 in August--up 7 percent. The August 1966 ratio was 1.56 and the five year average for the month is 1.37. The milkfat-feed price ratio was 24.8 in August, compared with 23.6 a month earlier, 24.7 a year earlier and the 5-year August average of 24.2.

Table 4.-Average milk price received by farmers and value of concentrate ratio fed to milk cows, by regions, August 1967, with comparisons

Region	Milk price per 100 pounds				Ration value per 100 pounds			
	August av. 1961-65	August 1966	July 1967	August 1967	August av. 1961-65	August 1966	July 1967	August 1967
	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.
N. Atl.	4.74	5.43	5.38	5.68	3.54	3.68	3.72	3.69
E. N. Cent. ...	3.68	4.78	4.50	4.69	2.78	3.06	2.97	2.88
W. N. Cent. ...	3.42	4.41	4.12	4.20	2.40	2.75	2.70	2.56
S. Atl.	5.23	5.92	5.93	5.98	3.37	3.55	3.58	3.52
S. Cent.	4.40	5.37	5.17	5.32	3.11	3.28	3.37	3.32
West.	4.19	4.86	4.74	4.81	3.18	3.24	3.43	3.36
U. S.								
Milk areas ...	4.11	5.00	4.80	4.98	3.00	3.21	3.22	3.14
Cream areas ...	-	-	-	-	2.49	2.81	2.78	2.65
Milk and cream areas	-	-	-	-	2.97	3.20	3.21	3.13

Table 5.-Milk-feed and milkfat-feed price ratios, by regions, August 1967, with comparisons

Region	Milk-feed ratio 1/				Milkfat-feed ratio 2/			
	August av. 1961-65	August 1966	July 1967	August 1967	August av. 1961-65	August 1966	July 1967	August 1967
N. Atl.	1.34	1.48	1.45	1.54	-	-	-	-
E. N. Cent. ...	1.32	1.56	1.52	1.63	20.2	21.1	20.2	20.8
W. N. Cent. ...	1.43	1.60	1.53	1.64	25.6	25.9	24.9	26.3
S. Atl.	1.55	1.67	1.66	1.70	-	-	-	-
S. Cent.	1.42	1.64	1.53	1.60	16.8	18.4	15.9	16.1
West.	1.32	1.50	1.38	1.43	18.3	20.2	18.6	19.0
U. S.	1.37	1.56	1.49	1.59	24.2	24.7	23.6	24.8

1/ Pounds of concentrate ration equal in value to 1 pound of whole milk sold by farmers.

2/ Pounds of concentrate ration equal in value to 1 pound of milkfat in cream sold by farmers.

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