

MILK PRODUCTION

September 12, 1961

SUMMARY

Milk production in the United States in August is estimated at 10,263 million pounds -- about 3 percent more than in August 1960, but 1 percent less than the 1950-59 average for the month. Production declined 7 percent from July to August, the same seasonal decline as in 1960. For the first 8 months of 1961, milk production totaled 86,747 million pounds, 1 percent more than the corresponding total for 1960. Milk production per cow in herds kept by crop reporters averaged 20.52 pounds on September 1 -- about 5 percent above the previous record for the date set a year ago.

Dairy pasture condition in the United States averaged 82 percent of normal on September 1. This was 1 percentage point above a year earlier and 7 points more than the 1950-59 average for the date. Pastures for milk cows were better than usual for September 1 in all regions except the West. August rainfall was considerably less than usual in North Dakota, South Dakota, Montana and Wyoming and continued the severe drought conditions in parts of this area.

Table 1.-Monthly milk production on farms, United States, 1950-59 average, 1960 and 1961

Month	Monthly total				Daily average per capita		
	Average 1950-59	1960	1961	$\frac{1961}{1960}$	Average 1950-59	1960	1961
	<u>Mil. pounds</u>	<u>Mil. pounds</u>	<u>Mil. pounds</u>	<u>Percent</u>	<u>Pounds</u>	<u>Pounds</u>	<u>Pounds</u>
Jan.	9,069	9,820	9,859	100.4	1.79	1.77	1.75
Feb.	8,808	9,580	9,381	1/97.9	1.92	1.85	1.84
Mar.	10,276	10,663	10,843	101.7	2.03	1.92	1.92
Apr.	10,828	11,020	11,168	101.3	2.21	2.05	2.04
May.....	12,440	12,206	12,278	100.6	2.46	2.19	2.17
June.....	12,167	11,689	11,941	102.2	2.48	2.17	2.18
July.....	11,259	10,750	11,014	102.5	2.22	1.93	1.94
Aug.	10,344	10,006	10,263	102.6	2.03	1.79	1.81
Sept.	9,267	9,352			1.88	1.73	
Oct.	8,972	9,365			1.76	1.67	
Nov.	8,354	8,974			1.68	1.66	
Dec.	8,807	9,495			1.72	1.69	
Year....	120,591	122,920			2.01	1.87	

1/ Extra day in February 1960. On a daily average basis, percent is 101.4.

Table 2.-Monthly milk production on farms, selected States, August 1961, with comparisons 1/
[In millions of pounds]

State	Aug. av. 1950-59	Aug. 1960	July 1961	Aug. 1961	State	Aug. av. 1950-59	Aug. 1960	July 1961	Aug. 1961
N. Y.	727	756	859	794	Ga.	98	84	90	89
N. J.	93	96	95	94	Ky.	257	252	265	269
Pa.	507	552	571	564	Tenn.	237	223	231	232
Ohio.....	478	432	474	457	Ala.	107	85	90	86
Ind.	334	275	287	278	Miss.	130	117	117	117
Ill.	439	357	372	354	Ark.	115	85	90	89
Mich.	470	431	452	457	Okla.	150	118	131	121
Wis.	1,303	1,347	1,567	1,363	Tex.	263	254	250	248
Minn.	608	620	850	640	Mont.	48	40	43	39
Iowa.....	526	502	573	517	Idaho.....	128	143	150	144
Mo.	384	348	367	347	Wyo.	19.7	17.0	18.7	16.6
N. Dak. ...	165	138	161	140	Colo.	77	74	75	70
S. Dak. ...	124	112	143	118	Utah.....	60	63	66	64
Nebr.	196	171	190	174	Wash.	157	168	179	171
Kans.	196	156	165	158	Oreg.	110	105	113	102
Md.	120	135	133	138	Calif. ...	609	697	730	712
Va.	190	193	197	201	Other				
W. Va.	73	56	63	59	States..	647	623	672	655
N. C.	146	134	139	137	U. S.	10,344	10,006	11,014	10,263
S. C.	52	47	45	48					

1/ Monthly data for other States not yet available.

Table 3.-Dairy product-feed price ratios, by regions, August 15, 1961, with comparisons

Region	Milk-feed 1/				Milkfat-feed 2/			
	Aug. 15, av. 1950-59	Aug. 15, 1960	July 15, 1961	Aug. 15, 1961	Aug. 15, av. 1950-59	Aug. 15, 1960	July 15, 1961	Aug. 15, 1961
N. Atl. ...	1.30	1.40	1.31	1.38	-	-	-	-
E.N.C.	1.22	1.36	1.35	1.42	19.5	20.0	20.6	20.8
W.N.C.	1.35	1.50	1.47	1.53	24.2	26.6	26.2	26.9
S. Atl. ...	1.43	1.54	1.56	1.57	-	-	-	-
S. Cent. ...	1.32	1.45	1.41	1.46	15.3	16.6	16.9	17.0
West.	1.25	1.32	1.29	1.31	18.1	18.6	18.7	18.7
U. S. ...	1.28	1.41	1.37	1.43	21.8	24.3	24.6	25.2

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

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

Table 4.-Value per 100 pounds of concentrate rations fed to milk cows, by regions, August 15, 1961, with comparisons

[In dollars]

Region	Aug. 15, av. 1950-59	Aug. 15, 1960	June 15, 1961	July 15, 1961	Aug. 15, 1961
N. Atl.	3.73	3.48	3.54	3.50	3.49
E. N. C.	3.01	2.73	2.69	2.71	2.69
W. N. C.	2.66	2.27	2.31	2.35	2.30
S. Atl.	3.67	3.40	3.27	3.29	3.31
S. Cent.	3.44	3.03	3.02	3.05	3.03
West.	3.40	3.14	3.12	3.17	3.19
U. S.					
Milk-selling areas.	3.27	2.94	2.93	2.95	2.93
Cream-selling areas	2.84	2.43	2.41	2.45	2.40
Combined milk and cream areas.....	3.21	2.90	2.90	2.91	2.90

August milk production about 3 percent above last year

Milk production in the United States in August is estimated at 10,263 million pounds. This is about 3 percent more than in August 1960, but 1 percent less than the 1950-59 average for the month. Production declined 7 percent from July to August, the same seasonal decline as in 1960. Relative to population, August milk production provided 1.81 pounds per person daily, compared with 1.79 pounds per capita in August last year. For the first 8 months of 1961, milk production totaled 86,747 million pounds, 1 percent more than the corresponding total for 1960.

August milk production was above a year earlier in 27 of the 36 States for which monthly estimates are available. New record highs for the month were set in 7 States - New York, Pennsylvania, Wisconsin, Maryland, Virginia, Idaho and California. In contrast, new lows for the month were set in Illinois, Montana and Wyoming.

September 1 milk per cow 5 percent over 1960

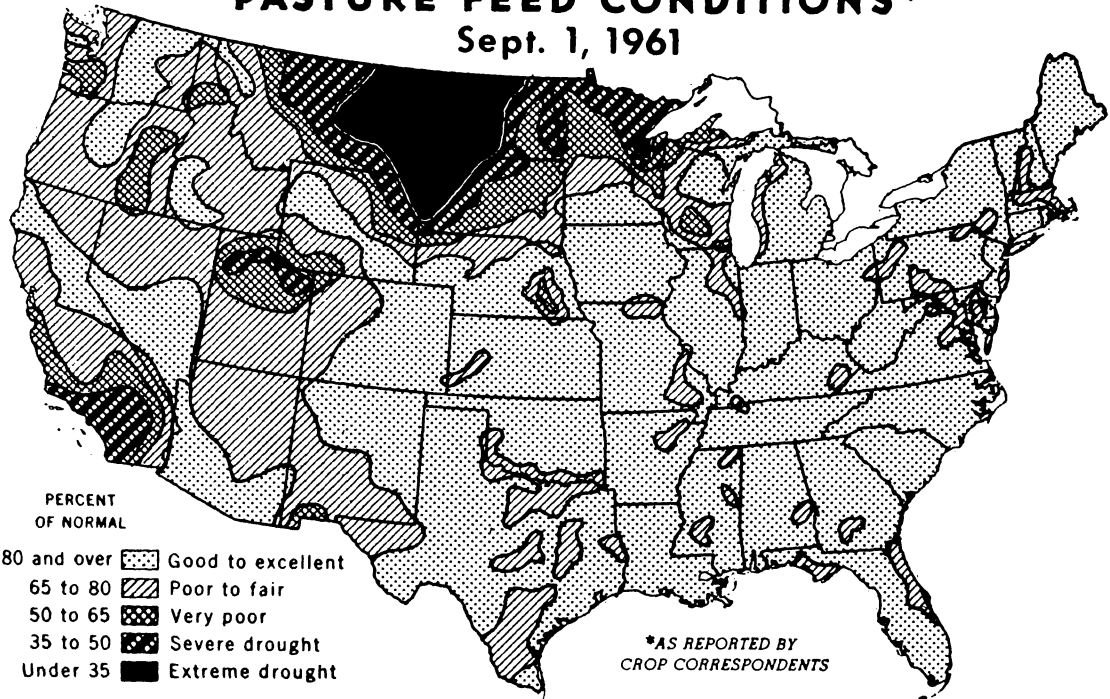
Milk production per cow in herds kept by crop reporters averaged 20.52 pounds on September 1 -- about 5 percent above the previous record for the date set a year ago. Output per cow was above September 1, 1960 in all regions except the West, where there was a slight decline. The largest gain from last year was 8 percent in the South Central region. Increases from a year earlier in other regions were 5 percent in the East North Central, 4 percent in the North Atlantic, and 3 percent in both the South Atlantic and the West North Central. September 1 output per cow showed more than the average seasonal gain from the month earlier in the South Atlantic region. In the other regions, with the exception of the West, milk per cow rates declined less than usual from August 1. Reporters milked 72.3 percent of their milk cows on September 1, compared with 71.8 percent a year ago.

Milk-feed price ratio highest in 3 decades

The milk-feed price ratio, at 1.43 in mid-August, was the highest and at the most favorable level for the month since 1931. Except for 1931, this was also the highest August ratio of record. The milkfat-feed price ratio averaged 25.2 in mid-August, 4 percent more than a year earlier and the most favorable for this time of year since 1948. Ration values averaged \$2.93 per hundred-weight in milk-selling areas, \$2.40 in cream-selling areas, and \$2.90 in all areas combined.

PASTURE FEED CONDITIONS*

Sept. 1, 1961



- 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

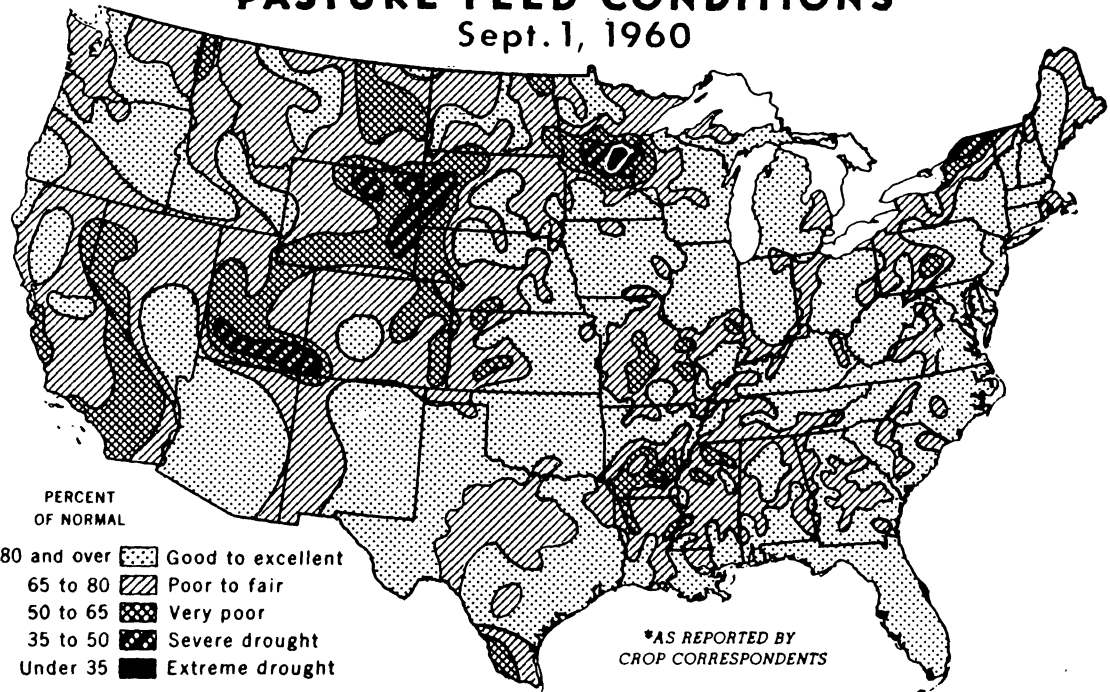
* INDICATES CURRENT SUPPLY OF PASTURE FEED FOR GRAZING RELATIVE TO THAT EXPECTED FROM EXISTING STANDS UNDER VERY FAVORABLE WEATHER CONDITIONS

U. S. DEPARTMENT OF AGRICULTURE

NEG. SRS 13-61 (9) STATISTICAL REPORTING SERVICE

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U. S. DEPARTMENT OF AGRICULTURE

NEG. 8049-60 (9) AGRICULTURAL MARKETING SERVICE

Dairy pastures well above average on September 1

Dairy pasture condition in the United States averaged 82 percent of normal on September 1. This was 1 percentage point above a year earlier and 7 points more than the 1950-59 average for the date. Pastures for milk cows were better than usual for September 1 in all regions except the West. Temperatures averaged above normal in August in the Northeastern part of the country, in the Great Lakes States, the Northern Great Plains, and most of the West. Rainfall was considerably less than usual during the month in North Dakota, South Dakota, Montana, and Wyoming, and continued the severe drought conditions in parts of this area. Poor pastures extended eastward into Minnesota and Wisconsin, and grass supplied little grazing in northern Utah and lower California.

In the East, dairy pastures were in excellent condition on September 1 in both the North Atlantic and South Atlantic Regions. Condition declined during August in the North Atlantic Region, but pastures on dairy farms were rated better than September 1 last year. High temperatures tended to dry pastures, but rains were sufficient to maintain grass in much of the area. In the South Atlantic Region, excellent pastures for milk stock prevailed on September 1 and conditions were above average for the date in the Virginias, the Carolinas, and Georgia. However, hot dry weather cut pasture feed supplies in eastern Virginia, Delaware, and Maryland.

Dairy pastures were much better than usual for September 1 in all South Central States. In general, pastures were in excellent condition on September 1 in all States in the region except Texas, where grass was classed as "good". June and July rains brought rank growth and grass is now providing ample grazing in Texas. Timely rains and mild weather have kept dairy pastures green in Oklahoma. In other States in the region, September 1 pasture condition was better than a year earlier.

Conditions improve during August in East North Central Region, deteriorate in West North Central

Pasture condition varied sharply on September 1 in the North Central part of the country, but on the whole furnished fair to good grazing for milk cows. In the East North Central Region, pastures were excellent on September 1 in Indiana and Ohio. Pasture feed was generally good in Illinois and Michigan outside of northeastern Illinois and northern and western Michigan. Conditions were only fair on September 1 in Wisconsin, as dry weather reduced pasture feed in the northern part of the State. In the West North Central States, condition of dairy pastures on September 1 ranged from excellent in Iowa and Kansas to extreme drought in North Dakota. Pastures continued relatively good during August in Missouri, but conditions deteriorated further in Minnesota, South Dakota, and Nebraska due to hot dry weather. In North Dakota, pasture condition was the lowest for September 1 since 1936.

Dairy pastures in the Western Region as a whole deteriorated during August and condition was below average for September 1. Pastures in Colorado and New Mexico were generally good and furnished better grazing for milk cows than usual for September 1, but other States in the region supplied less green feed than average for the date. Conditions in these other States, excluding Montana and Utah, were very poor to fair. In Montana and Utah, pastures were very poor because of lack of moisture.

Table 5.-Milk produced per milk cow and percent of milk cows milked in herds kept by reporters, September 1, 1961, with comparisons 1/

State and division	Milk produced per milk cow <u>2/</u>			Percent of milk cows milked		
	Sept. 1, av. 1950-59	Sept. 1, 1960	Sept. 1, 1961	Sept. 1, av. 1950-59	Sept. 1, 1960	Sept. 1, 1961
	Pounds	Pounds	Pounds	Percent	Percent	Percent
Me.	20.7	23.3	25.3	80.2	77.5	82.4
N. H.	20.3	22.9	24.3	77.1	77.0	79.8
Vt.	17.6	19.4	20.4	73.7	72.2	74.4
Mass.	20.8	23.1	23.7	79.0	76.7	81.5
Conn.	21.0	23.4	24.7	76.8	76.6	77.7
N. Y.	20.1	22.0	22.4	75.2	73.3	74.7
N. J.	22.5	24.6	25.8	78.1	77.9	79.0
Pa.	20.7	23.2	24.1	77.9	77.4	78.5
N. Atl.	20.46	22.69	23.51	76.5	76.1	77.4
Ohio.....	20.6	22.3	24.1	75.3	75.3	77.0
Ind.	19.7	21.2	22.9	74.4	73.4	77.7
Ill.	19.5	22.1	22.3	72.2	74.6	74.5
Mich.	22.8	24.9	26.2	80.7	80.2	80.3
Wis.	19.2	20.4	20.9	76.4	74.8	74.6
E. N. Cent.	20.01	21.58	22.70	75.9	75.4	76.3
Minn.	16.0	17.3	17.5	68.4	68.7	67.5
Iowa.....	18.8	21.4	21.5	70.3	72.9	72.3
Mo.	15.8	18.3	18.5	69.0	70.7	71.0
N. Dak.	15.9	16.7	18.0	67.9	65.6	69.1
S. Dak.	14.5	15.8	17.0	65.7	66.0	66.7
Nebr.	17.2	19.1	20.2	69.0	69.0	69.2
Kans.	16.0	18.8	19.0	65.6	67.3	67.0
W. N. Cent.	16.34	18.23	18.71	68.0	68.7	69.1
Md.	20.0	22.0	22.4	74.5	72.8	79.2
Va.	18.0	21.8	22.5	71.1	73.7	75.5
W. Va.	15.6	17.2	18.6	72.1	70.9	70.2
N. C.	16.0	18.5	18.6	70.8	74.2	69.1
S. C.	13.0	15.2	15.3	67.2	67.4	66.8
Ga.	11.4	13.7	13.9	59.5	59.3	59.0
S. Atl.	15.75	18.58	19.19	69.2	73.9	72.3
Ky.	15.2	17.0	18.7	69.5	69.4	67.9
Tenn.	13.6	15.3	16.1	69.4	69.4	69.3
Ala.	9.5	9.3	9.2	56.0	51.6	49.7
Miss.	8.6	9.7	9.7	58.6	58.9	58.0
Ark.	10.8	12.5	14.0	58.4	59.1	60.0
La.	7.8	9.8	10.3	47.3	51.0	51.0
Okla.	12.4	13.7	15.3	59.8	62.0	61.3
Tex.	9.8	11.4	11.5	54.2	53.2	53.1
S. Cent.	11.87	13.32	14.45	61.4	61.4	61.2
Mont.	18.5	20.0	20.4	72.0	70.4	71.1
Idaho	21.9	24.6	26.6	78.7	79.9	81.0
Wyo.	20.1	20.0	21.0	72.2	68.0	72.3
Colo.	18.8	20.7	20.2	72.1	72.1	75.0
Utah.....	22.3	23.7	25.8	78.5	78.8	82.0
Wash.	22.5	24.9	25.1	79.3	78.7	79.0
Oreg.	20.2	21.8	22.0	80.8	82.6	82.0
Calif.	24.0	29.0	29.5	80.2	83.6	81.6
West.	21.78	25.08	25.04	78.0	78.9	79.0
U. S.	17.47	19.63	20.52	71.0	71.8	72.3

1/ Figures for New England States, New Jersey, and Pennsylvania represent combined crop and special dairy reporters; others represent crop reporters only. Regional averages include less important dairy States not shown separately.

2/ Averages represent daily milk production divided by the total number of milk cows (in milk or dry).

Table 6.-Dairy pasture feed condition as percentage of normal, September 1, 1961, with comparisons 1/

[Percent]

State and division	Sept. 1, av. 1950-59	Sept. 1, 1959	Sept. 1, 1960	Sept. 1, 1961
Me.	81	88	79	82
N. E.	78	85	88	84
Vt.	79	73	81	88
Mass.	73	85	90	80
R. I.	81	80	75	84
Conn.	79	93	90	88
N. Y.	72	66	75	90
N. J.	71	85	87	85
Pa.	69	73	83	84
N. Atl.	73	73	80	87
Ohio.....	78	76	82	92
Ind.	81	78	86	92
Ill.	80	83	85	89
Mich.	79	87	87	87
Wis.	80	89	84	71
E. N. Cent.	80	84	85	83
Minn.	80	79	72	70
Iowa.....	81	91	92	91
Mo.	70	73	75	86
N. Dak.	72	49	73	34
S. Dak.	69	43	74	62
Nebr.	75	74	78	79
Kans.	67	79	83	91
W. N. Cent.	75	75	79	77
Del.	75	89	89	77
Md.	74	81	87	81
Va.	74	78	86	92
W. Va.	77	72	89	92
N. C.	76	88	88	92
S. C.	67	76	82	89
Ga.	71	76	81	89
Fla.	82	87	84	86
S. Atl.	74	80	86	89
Ky.	76	86	85	94
Tenn.	71	90	82	91
Ala.	69	77	79	88
Miss.	72	86	71	88
Ark.	70	82	79	87
La.	78	90	76	91
Okla.	66	85	91	88
Tex.	57	83	84	83
S. Cent.	68	85	83	88
Mont.	78	69	74	47
Idaho.....	87	80	82	74
Wyo.	79	70	60	70
Colo.	70	69	64	87
N. Mex.	69	88	87	83
Ariz.	87	88	86	75
Utah.....	78	71	64	59
Nev.	86	71	72	74
Wash.	75	73	70	70
Oreg.	78	76	79	74
Calif.	79	68	75	72
West.	78	72	74	71
U. S.	75	79	81	82

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