

# MILK PRODUCTION

PERIODICAL ROOM

September 12, 1958

## SUMMARY

Production of milk on farms in August 1958 is estimated at 10,593 million pounds, 1 percent below last year but 1 percent above average for the month. In the first 8 months of 1958, U. S. milk production totaled 89.0 billion pounds, almost 400 million pounds below the January-August 1957 record. Milk production per cow in crop reporters' herds on September 1 averaged 19.10 pounds -- just short of  $2\frac{1}{4}$  gallons. Production per cow was above a year earlier and established new highs in all regions except the West where the September 1 output was down 1 percent. Pastures for milk cows declined less than usual during August and on September 1 were the best for the date since 1945. The dry condition in some northern States broadened during August to cover most of the Upper Great Lakes States, the Northern Great Plains, and part of the Pacific Northwest. September 1 pastures were the best since 1950 in the South Central States. Pasture feed for milk cows in the Western States was not as good as on September 1, 1957, but was about average. In contrast, pastures in the North and South Atlantic States were the most favorable for September 1 in the last 3 decades.

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Table 1.-Monthly milk production on farms, United States, 1947-56 average, 1957 and 1958

Month	Monthly total				Daily average per capita		
	Average 1947-56	1957	1958	$\frac{1958}{1957}$	Average 1947-56	1957	1958
	Mil. pounds	Mil. pounds	Mil. pounds	Percent	Pounds	Pounds	Pounds
Jan. ...	8,586	9,692	9,800	101	1.79	1.84	1.83
Feb. ...	8,443	9,446	9,482	100	1.92	1.98	1.96
Mar. ...	9,327	10,939	10,944	100	2.06	2.07	2.04
Apr. ...	10,599	11,412	11,413	100	2.28	2.23	2.19
May....	12,382	13,007	12,889	99	2.57	2.46	2.40
June....	12,240	12,518	12,378	99	2.62	2.44	2.37
July....	11,397	11,597	11,469	99	2.36	2.18	2.13
Aug. ...	10,437	10,736	10,593	99	2.16	2.02	1.96
Sept. ...	9,178	9,538			1.96	1.85	
Oct. ...	8,729	9,379			1.80	1.76	
Nov. ...	7,981	8,771			1.70	1.70	
Dec. ...	8,347	9,346			1.71	1.75	
Year..	118,246	126,381			2.08	2.02	

U. S. DEPARTMENT OF AGRICULTURE  
 Agricultural Marketing Service • Crop Reporting Board  
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Table 2.-Monthly milk production on farms, selected States, August 1958 1/

[In millions of pounds]

State	Aug. av. 1947-56	Aug. 1957	July 1958	Aug. 1958	State	Aug. av. 1947-56	Aug. 1957	July 1958	Aug. 1958
N. Y. ....	717	741	850	752	Ga. ....	103	100	100	95
N. J. ....	94	90	90	92	Ky. ....	253	267	267	266
Pa. ....	490	526	558	532	Tenn. ....	239	246	248	247
Ohio.....	490	475	505	476	Ala. ....	115	104	100	94
Ind. ....	350	344	337	323	Miss. ....	136	136	139	129
Ill. ....	461	456	462	446	Ark. ....	123	116	108	103
Mich. ....	480	478	504	484	Okla. ....	171	137	146	141
Wis. ....	1,273	1,371	1,551	1,346	Tex. ....	279	257	254	250
Minn. ....	603	653	810	650	Mont. ....	52	46	51	46
Iowa.....	540	556	611	549	Idaho.....	121	136	147	139
Mo. ....	399	380	374	353	Wyo. ....	21	17	20	18
N. Dak. ..	174	162	193	158	Colo. ....	80	80	79	73
S. Dak. ..	129	130	161	136	Utah.....	57	64	65	65
Nebr. ....	205	197	216	196	Wash. ....	158	163	170	158
Kans. ....	218	181	176	171	Oreg. ....	114	105	114	102
Va. ....	191	188	199	200	Calif. ....	562	676	686	655
W. Va., ...	79	72	78	72	Other				
N. C. ....	150	159	163	166	States...	757	868	884	855
S. C. ....	53	59	53	55	U. S. ....	10,437	10,736	11,469	10,593

1/ Monthly data for other States not yet available.

Table 3.-Dairy product-feed price ratios, by regions, August 15, 1958

Region	Milk-feed 1/				Butterfat-feed 2/			
	Aug. 15, av. 1947-56	Aug. 15, 1957	July 15, 1958	Aug. 15, 1958	Aug. 15, av. 1947-56	Aug. 15, 1957	July 15, 1958	Aug. 15, 1958
N. Atl. .	1.24	1.40	1.29	1.40	-	-	-	-
E.N.C. ..	1.19	1.30	1.19	1.26	20.1	19.2	18.8	19.1
W.N.C. ..	1.30	1.41	1.39	1.48	23.9	24.9	25.5	26.1
S. Atl. .	1.37	1.52	1.44	1.45	-	-	-	-
S. Cent..	1.31	1.41	1.35	1.41	15.7	15.3	15.7	15.8
West. ....	1.22	1.32	1.31	1.35	18.5	18.3	18.9	19.2
U. S. .	1.23	1.36	1.28	1.36	21.7	22.5	22.8	23.2

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 butterfat in cream sold by farmers.

Table 4.-Value per 100 pounds of concentrate rations fed to milk cows, by regions, August 15, 1958

[In dollars]

Region	Aug. 15, av. 1947-56	Aug. 15, 1957	June 15, 1958	July 15, 1958	Aug. 15, 1958
N. Atl. ....	3.88	3.58	3.57	3.58	3.56
E. N. C. ....	3.18	2.80	2.68	2.80	2.77
W. N. C. ....	2.83	2.44	2.24	2.32	2.28
S. Atl. ....	3.82	3.49	3.45	3.54	3.53
S. Cent. ....	3.60	3.17	3.06	3.13	3.10
West. ....	3.54	3.21	3.04	3.03	3.01
U. S.					
Milk-selling areas...	3.43	3.07	2.95	3.02	2.99
Cream-selling areas..	3.03	2.61	2.44	2.52	2.49
Combined milk and cream areas.....	3.35	3.01	2.90	2.97	2.94

### Milk production less than last year

Production of milk on farms in August 1958 is estimated at 10,593 million pounds -- 1 percent below last year, but 1 percent above average for the month. This is the fourth consecutive month that production has remained below a year earlier. In the first 8 months of 1958, U. S. milk production totaled 89.0 billion pounds, almost 400 million pounds below the January-August 1957 record outturn. Considered relative to population, August production was at the rate of 1.96 pounds per person per day -- 3 percent below August a year ago and 9 percent below average.

Among the 35 States with monthly milk production estimates available, production was a record high for August in Pennsylvania, North Carolina, Tennessee, Idaho, and Utah. In three of the leading dairy States, (Wisconsin, New York, and California), production was second only to either August 1956 or 1957. At the same time, August production in North Dakota, Nebraska, Kansas, Georgia, Alabama, Colorado, and Oregon established new record lows for the month. Wisconsin, as usual, led all States in production with 1,346 million pounds followed by New York with 752 million; California, 655 million; and Minnesota, 650 million.

### Record rate except in West

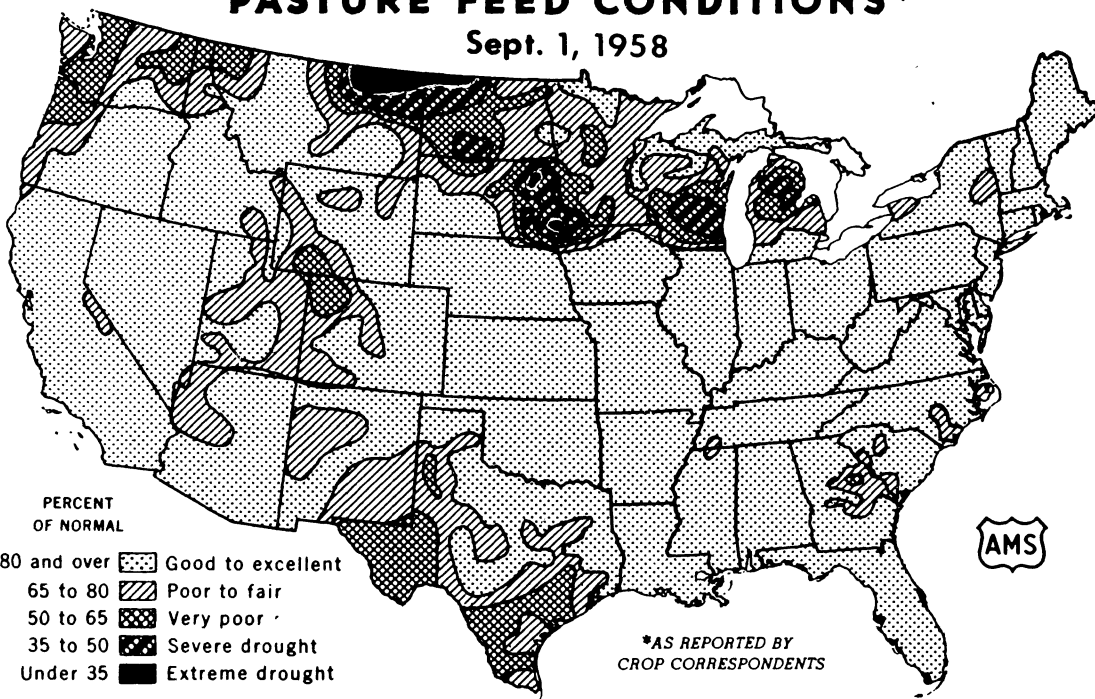
Milk production in crop reporters' herds on September 1 averaged 19.10 pounds per cow in herd, just short of  $2\frac{1}{4}$  gallons. This was another record high for the date. It was 4.5 percent above last year's previous high and 15 percent above the 1947-56 average for September 1. Production per cow was above a year earlier and established new highs for all regions except the West where the September 1 output was down 1 percent. Increases ranged from 2 percent in the East North Central region to 8 percent in the North Atlantic. Seasonally, the September 1 rate of production was down 6 percent from August 1 as compared with normal downturn of 7 percent from August 1 to September 1. Production was down seasonally in all regions except the South Atlantic. In this region a 2 percent increase occurred which was slightly more than the usual upturn for this period. Crop reporters were milking 71.4 percent of the cows in their herds on September 1 which was about average for the date.

### September 1 pastures best since 1945

Pastures for milk cows declined less than usual during August and on September 1 were the best for the date since 1945. Condition for the country as a whole was 83.5 percent of normal on September 1 compared with 73.4 percent a year earlier and the September 1 average of 74.4 percent. The dry condition in some northern States broadened during August to cover most of the Upper Great Lakes States, the Northern Great Plains, and part of the Pacific Northwest. Pastures also showed the effect of dry weather in areas of the South and the West. In contrast, pastures in the North and South Atlantic States were the most favorable for September 1 in the last 3 decades.

# PASTURE FEED CONDITIONS\*

Sept. 1, 1958



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

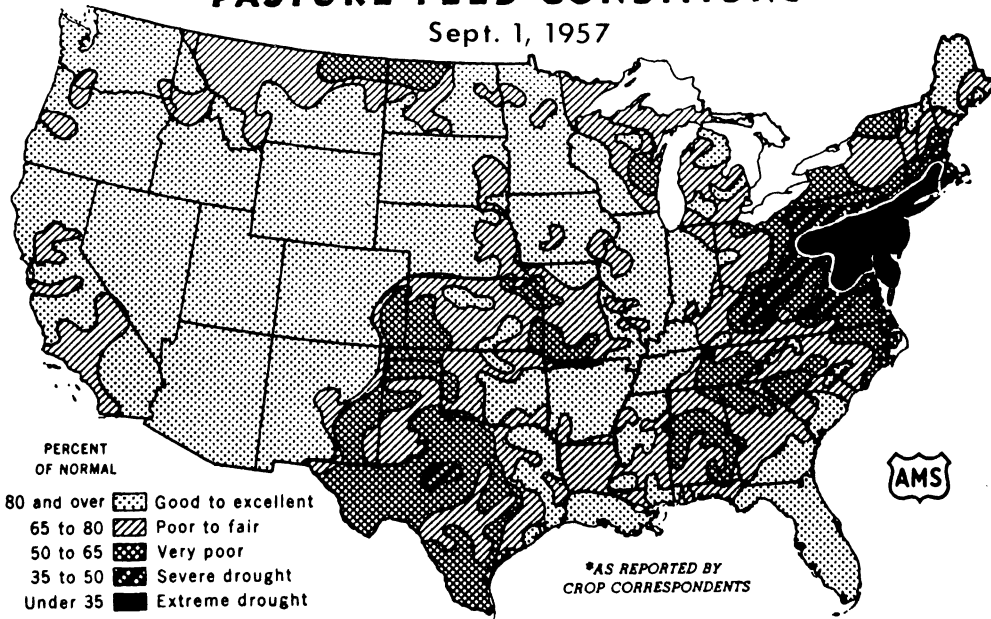
\*INDICATES CURRENT SUPPLY OF PASTURE FEED FOR GRAZING RELATIVE TO THAT EXPECTED FROM EXISTING STANDS UNDER VERY FAVORABLE WEATHER CONDITIONS

U. S. DEPARTMENT OF AGRICULTURE

NEG. 6468-58 (9) AGRICULTURAL MARKETING SERVICE

# PASTURE FEED CONDITIONS\*

Sept. 1, 1957



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. 4481-57 (9) AGRICULTURAL MARKETING SERVICE

## Condition above average in North Central States

Pastures in the North Central States were better than usual on September 1 in spite of the sharp seasonal decline in condition in some States in the northern part. In the East North Central States, condition was 79.9 percent of normal compared with 78.4 percent on September 1 last year and the average of 77.1 percent. Pastures for milk stock were well above average for the date in Ohio, Indiana, and Illinois, but declined seasonally and were poorer than usual in Michigan and Wisconsin. As a whole, condition of pastures in the West North Central region averaged 80.6 percent of normal. This is about 2 percentage points below September 1, 1957, but 7 points above the 10-year average. Pastures were furnishing abundant grass in Missouri, Iowa, Nebraska, and Kansas, but were generally short and dry in Minnesota, North Dakota, and South Dakota.

## Excellent dairy pastures in Eastern States

In the North and South Atlantic regions, September 1 pastures furnished ample grazing. The excellent pastures were in sharp contrast to the drought damaged ones that prevailed over most of the Eastern Coastal States on September 1 last year. Current conditions are mostly 15 to 70 points above a year ago.

## Good pastures in South

September 1 pastures were the best since 1950 in the South Central States. Condition, at 88.6 percent, compared with 73.0 percent at this time last year and the September 1 average of 66.1 percent. Pastures were generally excellent throughout the area except for dry spots in Texas.

Pasture feed for milk cows in the Western States was not as good as on September 1 a year earlier, but was about average. Hot dry weather during August reduced pastures sharply in Washington and Oregon, and to a lesser degree in Montana, Wyoming, Colorado, and Nevada. However, ample roughage still is available from pasture in much of this area.

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

State and division	Milk produced per milk cow 2/			Percent of milk cows milked		
	Sept. 1, av. 1947-56	Sept. 1, 1957	Sept. 1; 1958	Sept. 1, av. 1947-56	Sept. 1, 1957	Sept. 1, 1958
	<u>Pounds</u>	<u>Pounds</u>	<u>Pounds</u>	<u>Percent</u>	<u>Percent</u>	<u>Percent</u>
Me. ....	19.1	22.1	23.9	80.6	79.9	82.1
N. H. ....	18.9	21.5	23.7	77.1	77.1	78.0
Vt. ....	16.8	17.9	19.5	74.6	72.7	75.2
Mass. ....	19.7	22.4	22.8	79.7	80.9	77.6
Conn. ....	20.0	20.4	22.8	77.6	74.6	76.0
N. Y. ....	19.6	20.5	21.6	76.5	73.6	75.0
N. J. ....	21.9	22.1	24.5	78.7	77.8	78.6
Pa. ....	19.8	20.5	22.4	77.9	77.0	77.0
N. Atl. ....	19.77	20.57	22.30	77.2	76.2	76.7
Ohio.....	19.5	21.2	22.3	75.8	76.0	76.1
Ind. ....	18.5	21.0	21.2	74.8	74.7	74.5
Ill. ....	18.3	20.5	21.3	71.1	74.2	75.2
Mich. ....	21.3	23.7	24.9	81.4	79.8	79.3
Wis. ....	18.3	20.1	20.5	77.6	75.4	74.9
E. N. Cent. ....	18.96	20.99	21.49	76.5	75.9	75.6
Minn. ....	15.5	16.3	17.2	69.1	68.6	68.0
Iowa.....	17.2	20.6	20.8	69.7	72.6	70.2
Mo. ....	15.2	15.9	17.1	69.5	66.9	69.6
N. Dak. ....	15.5	15.9	16.5	69.6	65.8	65.5
S. Dak. ....	13.8	14.7	15.7	65.3	67.0	65.8
Nebr. ....	16.2	17.5	19.0	69.5	68.5	68.7
Kans. ....	15.2	16.5	16.8	66.0	66.6	64.0
W. N. Cent. ....	15.59	16.75	17.66	68.4	68.0	67.6
Md. ....	19.0	20.0	22.7	74.4	75.4	76.2
Va. ....	16.8	19.3	20.4	70.8	73.9	72.4
W. Va. ....	15.3	15.6	16.8	72.9	71.3	71.4
N. C. ....	15.2	16.3	17.9	71.7	70.2	72.0
S. C. ....	12.5	14.0	14.8	68.0	66.8	69.8
Ga. ....	10.8	11.7	12.3	60.3	57.4	59.3
S. Atl. ....	14.99	16.58	17.12	69.2	70.7	71.1
Ky. ....	14.6	16.0	17.0	70.4	70.7	68.0
Tenn. ....	13.2	13.8	15.9	70.8	69.2	70.6
Ala. ....	9.7	9.6	8.8	58.7	56.9	54.0
Miss. ....	8.6	8.8	9.0	60.0	56.3	61.4
Ark. ....	10.2	12.3	11.7	59.8	60.3	57.2
La. ....	7.5	8.5	8.4	47.0	51.3	48.9
Okla. ....	11.6	13.4	14.6	59.7	62.0	61.9
Tex. ....	9.1	10.5	11.5	54.9	55.4	54.9
S. Cent. ....	11.22	12.66	13.54	62.0	62.2	62.1
Mont. ....	18.0	19.6	19.3	72.1	71.4	72.0
Idaho.....	20.9	22.7	23.3	78.3	78.2	79.3
Wyo. ....	19.6	19.7	22.2	74.0	68.1	74.6
Colo. ....	17.6	20.8	20.0	71.6	76.8	72.0
Utah.....	20.9	23.0	25.0	78.6	77.6	78.8
Wash. ....	21.7	23.6	23.2	80.0	77.7	79.0
Oreg. ....	19.3	22.3	21.4	79.4	82.9	81.4
Calif. ....	21.7	26.2	26.4	78.2	81.1	80.2
West. ....	20.28	23.72	23.46	77.3	78.9	78.4
U. S. ....	16.56	18.28	19.10	71.3	71.4	71.4

1/ Figures for New England States and New Jersey 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, 1958 <sup>1/</sup>  
 [Percent]

State and division	Sept. 1, av. 1947-56	Sept. 1, 1956	Sept. 1, 1957	Sept. 1, 1958
Me. ....	74	80	77	96
N. H. ....	73	68	72	92
Vt. ....	78	72	76	91
Mass. ....	71	61	34	94
R. I. ....	80	80	36	98
Conn. ....	78	70	28	99
N. Y. ....	72	77	64	87
N. J. ....	74	84	11	90
Pa. ....	74	91	33	91
N. Atl. ....	73	80	52	90
Ohio.....	78	94	67	97
Ind. ....	80	87	88	97
Ill. ....	77	87	86	95
Mich. ....	77	94	74	74
Wis. ....	76	84	79	63
E. N. Cent. ....	77	88	78	80
Minn. ....	78	83	89	69
Iowa.....	74	72	86	92
Mo. ....	70	71	72	94
N. Dak. ....	76	72	80	61
S. Dak. ....	72	66	84	57
Nebr. ....	74	47	86	91
Kans. ....	68	35	68	93
W. N. Cent. ....	74	68	82	81
Del. ....	77	94	21	96
Md. ....	80	90	23	96
Va. ....	79	84	48	98
W. Va. ....	82	94	48	96
N. C. ....	78	72	71	91
S. C. ....	69	59	69	83
Ga. ....	73	69	70	85
Fla. ....	80	80	84	90
S. Atl. ....	77	79	55	92
Ky. ....	76	92	73	97
Tenn. ....	70	71	75	91
Ala. ....	70	67	65	90
Miss. ....	70	67	80	91
Ark. ....	66	61	91	92
La. ....	74	63	78	89
Okla. ....	64	31	73	93
Tex. ....	55	24	65	76
S. Cent. ....	66	54	73	89
Mont. ....	79	64	76	74
Idaho.....	87	87	91	88
Wyo. ....	78	74	97	81
Colo. ....	72	57	88	84
N. Mex. ....	70	53	70	78
Ariz. ....	85	77	88	83
Utah.....	80	71	92	75
Nev. ....	86	94	93	91
Wash. ....	79	73	84	56
Oreg. ....	78	79	86	74
Calif. ....	77	81	82	86
West. ....	78	75	85	78
U. S. ....	74.4	75.1	73.4	83.5

<sup>1/</sup> 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.