

# MILK PRODUCTION

ALBERT W. MANN  
LIBRARY

July 13, 1959

HL  
927  
U6  
A2

## SUMMARY

JUL 13 1959

Milk cows on farms in the United States produced an estimated 12,128 million pounds of milk in June. This was about 2 percent less than in June last year and 1 percent below the June 1948-57 average. Milk production decreased 4 percent seasonally compared with a decrease of 3 percent from May to June last year. In the first half of 1959, milk production totaled about 65.7 billion pounds compared with 66.1 billion pounds produced during the January-June period of 1958. Milk production per cow in crop reporters' herds averaged 22.73 pounds on July 1, which was 1 percent higher than the previous record of the same date a year ago and 14 percent above the July 1 average. Dairy pastures in the South Atlantic States, Northern Great Plains, and the Southwest were dry and short on July 1. Good pasture feed was generally available in other parts of the country. Ample rainfall and normal temperatures during June made the South Central region the bright spot on the July 1 pasture feed picture. Nationally, condition of pastures for milk cows on July 1 averaged 84 percent of normal -- down 3 percentage points from a month earlier and 4 percentage points from July 1 last year.

Table 1.--Monthly milk production on farms, United States, 1948-57 average, 1958 and 1959

Month	Monthly total				Daily average per capita		
	Average 1948-57	1958	1959	$\frac{1959}{1958}$	Average 1948-57	1958	1959
	Mil. pounds	Mil. pounds	Mil. pounds	Percent	Pounds	Pounds	Pounds
Jan. ....	8,717	9,781	9,754	100	1.78	1.83	1.79
Feb. ....	8,562	9,356	9,344	100	1.92	1.93	1.90
Mar. ....	10,034	10,734	10,667	99	2.05	2.00	1.95
Apr. ....	10,685	11,177	11,171	100	2.26	2.15	2.11
May.....	12,435	12,712	12,595	99	2.54	2.36	2.30
June.....	12,224	12,332	12,128	98	2.58	2.36	2.29
July.....	11,365	11,450			2.32	2.12	
Aug. ....	10,451	10,487			2.12	1.94	
Sept. ...	9,225	9,492			1.94	1.81	
Oct. ....	8,824	9,455			1.78	1.74	
Nov. ....	8,118	8,889			1.70	1.69	
Dec. ....	8,518	9,371			1.72	1.72	
Year...	119,158	125,236			2.06	1.97	

U. S. DEPARTMENT OF AGRICULTURE  
Agricultural Marketing Service • Crop Reporting Board

Table 2.-Monthly milk production on farms, selected States, June 1959 <sup>1/</sup>  
 [In millions of pounds]

State	June av. 1948-57	June 1958	May 1959	June 1959	State	June av. 1948-57	June 1958	May 1959	June 1959
N. Y. ....	960	1,002	1,003	984	Ga. ....	102	103	105	98
N. J. ....	100	96	111	98	Ky. ....	257	265	259	257
Pa. ....	555	608	687	623	Tenn. ...	238	240	245	231
Ohio.....	546	513	528	505	Ala. ....	116	101	106	103
Ind. ....	382	355	366	346	Miss. ...	145	139	149	142
Ill. ....	511	484	484	461	Ark. ....	129	110	112	113
Mich. ....	548	532	512	522	Okla. ...	182	150	155	145
Wis. ....	1,727	1,843	1,866	1,763	Tex. ....	295	252	256	246
Minn. ....	915	1,000	1,006	966	Mont. ...	60	54	50	51
Iowa.....	645	631	635	608	Idaho....	138	155	163	154
Mo. ....	424	394	404	384	Wyo. ....	24	21	19	21
N. Dak. ..	221	214	188	216	Colo. ...	89	80	81	78
S. Dak. ..	164	163	154	152	Utah.....	67	68	71	70
Nebr. ....	246	229	224	220	Wash. ...	180	188	195	185
Kans. ....	238	190	204	186	Oreg. ...	131	119	123	117
Md. ....	117	130	143	127	Calif. ..	597	667	726	689
Va. ....	189	192	194	188	Other				
W. Va. ...	83	78	75	76	States.	702	759	774	795
N. C. ....	148	154	168	158	U. S. ...	12,224	12,332	12,595	12,128
S. C. ....	53	53	54	50					

<sup>1/</sup> Monthly data for other States not yet available.

Table 3.-Dairy product-feed price ratios, by regions, June 15, 1959

Region	Milk-feed <sup>1/</sup>				Butterfat-feed <sup>2/</sup>			
	June 15, av. 1948-57	June 15, 1958	May 15, 1959	June 15, 1959	June 15, av. 1948-57	June 15, 1958	May 15, 1959	June 15, 1959
N. Atl. ...	1.07	1.16	1.16	1.17	-	-	-	-
E.N.C. ...	1.11	1.15	1.23	1.22	19.5	18.9	19.9	19.9
W.N.C. ...	1.20	1.34	1.42	1.42	23.3	25.7	27.1	27.4
S. Atl. ...	1.35	1.45	1.51	1.52	-	-	-	-
S. Cent. .	1.24	1.32	1.34	1.34	15.5	15.9	16.2	16.3
West. ....	1.16	1.30	1.29	1.27	18.0	19.0	18.4	18.3
U. S. ...	1.13	1.22	1.27	1.26	21.2	22.9	24.5	24.7

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

<sup>2/</sup> 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, June 15, 1959

[In dollars]

Region	June 15, av. 1948-57	June 15, 1958	Apr. 15, 1959	May 15, 1959	June 15, 1959
N. Atl. ....	3.89	3.57	3.62	3.62	3.56
E. N. Cent. ....	3.16	2.80	2.69	2.67	2.64
W. N. Cent. ....	2.84	2.30	2.24	2.22	2.19
S. Atl. ....	3.75	3.49	3.38	3.36	3.33
S. Cent. ....	3.54	3.09	3.06	3.05	3.03
West. ....	3.55	3.04	3.19	3.20	3.21
U. S.					
Milk-selling areas.	3.41	3.00	2.96	2.95	2.92
Cream-selling areas	3.02	2.50	2.40	2.39	2.36
Combined milk and cream areas.....	3.35	2.95	2.91	2.90	2.87

## Milk production down 2 percent from June last year

Milk cows on farms in the United States produced an estimated 12,128 million pounds of milk in June. This was about 2 percent less than in June last year and 1 percent below the June 1948-57 average. Milk production decreased 4 percent seasonally compared with a decrease of 3 percent from May to June last year and the average seasonal decline of 2 percent. In June, milk production was sufficient to provide 2.29 pounds per person daily -- 3 percent less than for June last year and 11 percent less than average for the month. In the first half of 1959, milk production estimates totaled about 65.7 billion pounds compared with 66.1 billion pounds produced during the January-June period of 1958.

Milk production in June was at a record high for the month in only 3 of the 36 States making monthly estimates. The new June record highs were established in North Carolina and in the heavy milk producing States of California and Pennsylvania. Output reached record lows for June in 12 States and approached the lows for the month in several others. Wisconsin led all States in milk production in June with 1,763 million pounds, followed by New York with 984 million; Minnesota, 966 million; California, 689 million; Pennsylvania, 623 million; and Iowa, 608 million pounds.

## Rate per cow at new high on July 1

Milk production per cow in crop reporters' herds averaged 22.73 pounds on July 1. This was 1 percent higher than the previous record of the same date a year ago and 14 percent above the July 1 average. Rate per milk cow reached new records for July 1 in all regions except the East North Central, where it was 2 percent less than the high set last year. Production per cow in the United States decreased about 8 percent from June 1 to July 1, compared with the normal seasonal decline of 6 percent. Output dropped more rapidly than usual in all regions other than the North Atlantic and South Central. Compared with the July 1, 1948-57 average, milking rates by regions showed increases ranging from 9 to 20 percent, with the greater gains reported in the southern regions.

Crop reporters indicated that an average of 77.8 percent of their milk cows were milked on July 1. This was about the same proportion as reported a year earlier, and compares with the 10-year average for July 1 of 76.4 percent. Seasonally, the percentage of cows milked declined faster than usual from June 1 in all regions.

## Condition of dairy pastures decline during June

Dairy pastures in the South Atlantic States, Northern Great Plains, and the Southwest were dry and short on July 1. Good pasture feed was generally available in other parts of the country. Nationally, condition of pastures for milk cows on July 1 averaged 84 percent of normal -- down 3 percentage points from a month earlier and 4 percentage points from July 1 last year.

Pastures declined during June under abnormally high temperatures and short moisture supplies in most of the North Central States, but were providing generally adequate feed over the area. On July 1, pasture conditions were below the previous month in all States except Minnesota and North Dakota, and were under July 1 a year ago in all except Iowa, Michigan, and Wisconsin. In Michigan and Wisconsin, dairy pastures were hard hit by drought at this time last year.

In the North Atlantic region, dairy pastures were below last year's lush condition on July 1, but were above the 1948-57 average for the date. Rainfall was generally ample during June in the New England States and grass made good growth. However, pastures for milk stock declined over most of the Mid-Atlantic States due to lack of moisture and seasonally high temperatures. Further South, grass dried up due to adverse growing weather. Dairy pasture condition declined 17 percent during June in the South Atlantic region and was 8 percent below average for July 1.

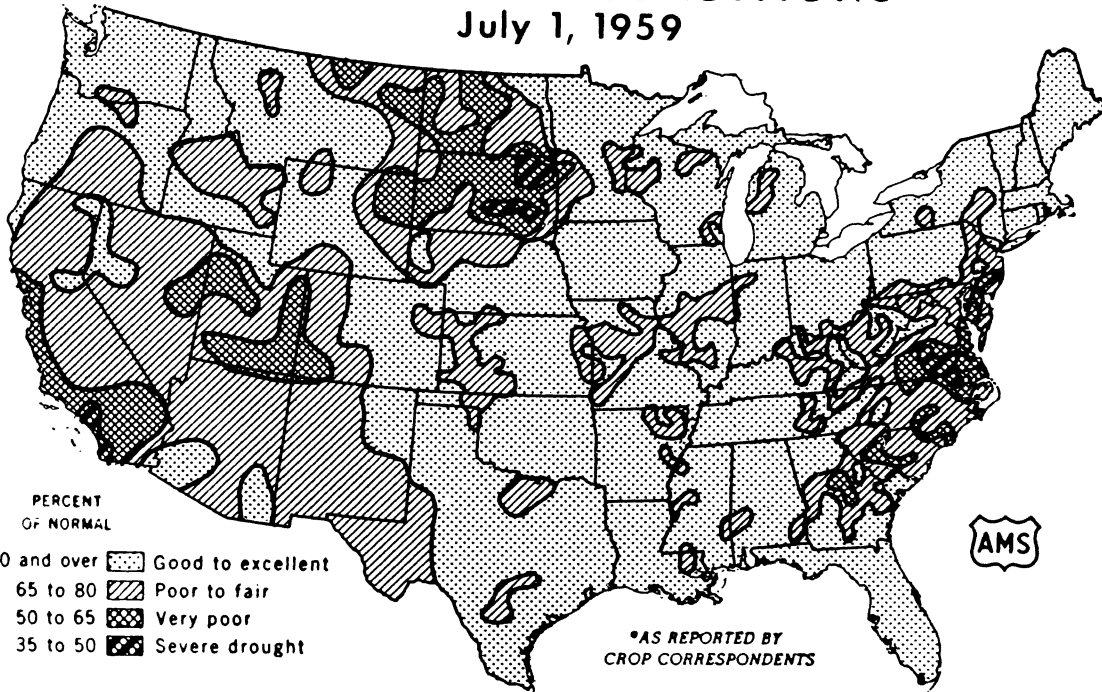
### Good grazing in South Central States

Ample rainfall and normal temperatures during June made the South Central region the bright spot on the July 1 pasture feed picture. Pastures approached the very favorable July 1 condition of last year and were 15 percent above average for the date. In Kentucky, pasture feed was spotty and below both June 1, 1959 and July 1 a year ago. Otherwise, pasture conditions in this area were well above average and provided good to excellent grass for milk cows.

Dairy pasture conditions for the Western region as a whole improved only slightly during June. Short dry grass prevailed over most of the Southwest. Pastures provided poor to fair grazing in the northern Rocky Mountain States. However, pastures in the important dairy areas of Washington and Oregon furnished good grass on July 1. Pastures for milk stock were well above average for July 1 in New Mexico and Colorado.

# PASTURE FEED CONDITIONS\*

July 1, 1959



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

AMS

\*AS REPORTED BY  
CROP CORRESPONDENTS

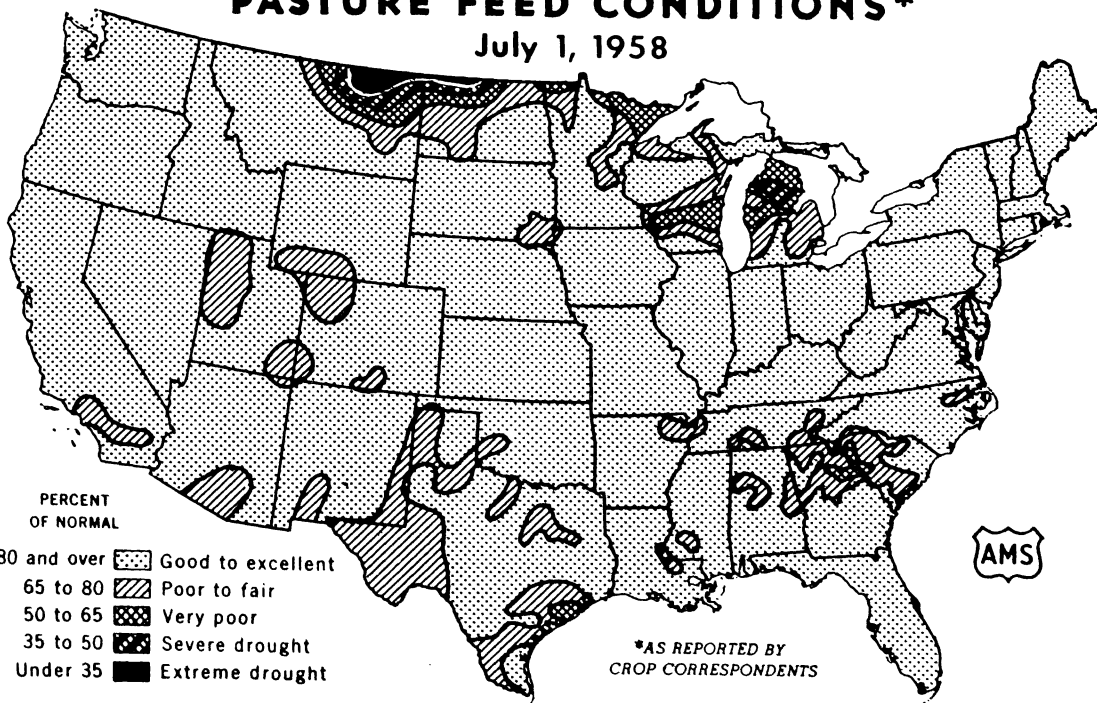
\* INDICATES CURRENT SUPPLY OF PASTURE FEED FOR GRAZING RELATIVE TO THAT EXPECTED FROM EXISTING STANDS UNDER VERY FAVORABLE WEATHER CONDITIONS

U. S. DEPARTMENT OF AGRICULTURE

NEG. 7392-59 (7) AGRICULTURAL MARKETING SERVICE

# PASTURE FEED CONDITIONS\*

July 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

AMS

\*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. 6313-58 (7) AGRICULTURAL MARKETING SERVICE

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		
	July 1, av. 1948-57	July 1, 1958	July 1, 1959	July 1, av. 1948-57	July 1, 1958	July 1, 1959
	Pounds	Pounds	Pounds	Percent	Percent	Percent
Me. ....	22.1	25.4	24.9	82.9	83.4	83.9
N. H. ....	21.5	26.8	25.6	82.0	83.6	84.4
Vt. ....	22.0	25.8	24.3	86.9	88.0	84.7
Mass. ....	22.3	24.9	25.3	82.0	78.8	81.9
Conn. ....	21.6	25.1	25.0	80.5	82.9	79.9
N. Y. ....	25.3	28.5	28.5	86.0	86.0	86.6
N. J. ....	22.8	24.3	25.2	80.7	81.2	80.7
Pa. ....	22.8	24.4	25.9	83.1	82.3	83.0
N. Atl. ....	23.47	25.91	26.34	83.7	83.8	83.6
Ohio.....	22.4	25.8	24.6	79.8	83.1	79.4
Ind. ....	21.3	23.2	24.0	78.4	79.3	79.4
Ill. ....	21.4	22.9	24.1	75.1	76.9	78.2
Mich. ....	25.2	28.1	27.2	86.3	84.7	85.3
Wis. ....	25.6	28.3	27.7	89.1	89.0	88.1
E. N. Cent. ....	24.13	26.85	26.40	84.3	85.2	84.4
Minn. ....	24.1	27.2	26.5	86.0	88.2	86.6
Iowa.....	22.0	25.5	25.5	75.9	79.0	77.8
Mo. ....	16.7	18.5	18.2	69.7	71.5	71.5
N. Dak. ....	21.4	23.3	24.3	76.2	77.7	76.8
S. Dak. ....	19.2	22.8	21.6	71.8	77.5	75.2
Nebr. ....	20.3	22.5	22.1	75.1	74.6	73.8
Kans. ....	17.9	19.1	19.4	70.6	70.6	70.6
W. N. Cent. ....	20.48	23.33	23.40	76.0	78.6	78.1
Md. ....	19.4	21.0	22.3	76.0	75.5	78.1
Va. ....	17.4	19.7	19.6	71.6	71.9	72.8
W. Va. ....	16.4	17.8	18.2	73.2	73.2	71.5
N. C. ....	15.7	17.0	18.0	72.8	73.3	73.0
S. C. ....	12.8	13.4	13.8	68.2	66.0	66.6
Ga. ....	11.0	13.2	12.1	59.9	62.4	57.2
S. Atl. ....	15.44	16.82	17.68	69.7	71.3	73.0
Ky. ....	15.7	17.2	17.3	70.2	69.8	70.1
Tenn. ....	13.9	16.3	15.7	70.9	72.1	68.9
Ala. ....	10.4	9.5	10.1	58.7	52.6	53.9
Miss. ....	9.3	9.8	10.5	60.2	63.4	60.4
Ark. ....	11.4	12.7	14.6	61.0	62.8	64.6
La. ....	7.9	8.3	8.5	47.2	51.9	56.6
Okla. ....	13.1	15.4	15.3	62.5	67.0	65.9
Tex. ....	10.0	11.9	12.0	57.3	55.9	54.6
S. Cent. ....	12.04	13.86	14.39	62.7	64.1	63.8
Mont. ....	21.6	22.9	21.9	74.0	73.8	71.7
Idaho.....	24.3	26.2	26.3	82.2	83.1	82.7
Wyo. ....	22.2	23.9	24.2	74.1	72.3	74.4
Colo. ....	20.5	21.5	21.3	75.3	74.4	73.0
Utah.....	23.5	24.2	24.4	79.6	77.4	80.0
Wash. ....	24.4	26.1	26.1	83.0	81.9	82.9
Oreg. ....	23.0	24.8	24.0	81.1	83.7	84.0
Calif. ....	24.2	28.4	29.5	80.5	82.3	83.8
West. ....	23.22	25.88	26.25	79.9	80.5	81.9
U. S. ....	20.01	22.55	22.73	76.4	78.0	77.8

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, July 1, 1959 <sup>1/</sup>

[Percent]

State and division	July 1, av. 1948-57	July 1, 1957	July 1, 1958	July 1, 1959
Me. ....	91	87	89	87
N. H. ....	87	78	89	88
Vt. ....	88	85	91	89
Mass. ....	85	62	93	90
R. I. ....	83	40	94	89
Conn. ....	82	45	92	93
N. Y. ....	83	84	90	86
N. J. ....	73	47	87	74
Pa. ....	83	81	88	83
N. Atl. ....	84	78	90	85
Ohio.....	89	95	93	89
Ind. ....	91	98	94	90
Ill. ....	88	95	94	83
Mich. ....	90	97	72	88
Wis. ....	88	92	77	86
E. N. Cent. ....	89	95	84	87
Minn. ....	87	91	85	84
Iowa.....	88	97	91	93
Mo. ....	80	92	94	81
N. Dak. ....	82	88	69	68
S. Dak. ....	82	98	86	58
Nebr. ....	84	96	95	85
Kans. ....	77	87	91	83
W. N. Cent. ....	84	93	88	82
Del. ....	80	64	91	58
Md. ....	81	73	91	71
Va. ....	84	89	98	68
W. Va. ....	87	85	95	77
N. C. ....	79	92	89	73
S. C. ....	70	88	76	72
Ga. ....	75	87	83	82
Fla. ....	76	89	86	89
S. Atl. ....	80	86	90	74
Ky. ....	85	96	95	83
Tenn. ....	81	94	86	88
Ala. ....	76	87	85	89
Miss. ....	78	91	90	89
Ark. ....	78	94	89	88
La. ....	74	88	87	88
Okla. ....	75	84	89	89
Tex. ....	67	82	82	87
S. Cent. ....	76	89	88	87
Mont. ....	84	91	80	80
Idaho.....	92	99	94	87
Wyo. ....	82	97	90	79
Colo. ....	72	91	90	81
N. Mex. ....	62	68	82	75
Ariz. ....	77	79	84	78
Utah.....	84	95	84	76
Nev. ....	87	97	97	72
Wash. ....	87	95	89	89
Oreg. ....	89	97	97	88
Calif. ....	81	84	89	68
West. ....	83	90	89	78
U. S. ....	83.9	89.5	87.3	83.7

<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.