

# MILK PRODUCTION

PERIODICAL ROOM

HD  
9275  
U6  
A2

July 11, 1958

1958

## SUMMARY

Production of milk on farms during June 1958 was estimated at 12,450 million pounds, 1 percent below June last year, but 2 percent above the 1947-56 average for the month. This is the second consecutive month that production has fallen below the same month a year earlier. At the halfway mark in 1958, United States milk production totaled 66,978 million pounds compared with 67,014 million pounds in the first 6 months of 1957. Milk production per cow in crop reporters' herds on July 1 continued its record-setting ways and averaged 22.55 pounds. Condition of dairy pastures in the United States remained high on July 1, as pastures in general were providing excellent feed except along the Canadian Border in the Northern States from Michigan through Montana. Seasonally, pastures in the North Central States improved enough during June to more than offset slight declines in other sections.

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	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. ....	9,927	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	12,450	99	2.62	2.44	2.39
July.....	11,397	11,597			2.36	2.18	
Aug. ....	10,437	10,736			2.16	2.02	
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	

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Table 2.-Monthly milk production on farms, selected States, June 1958 1/  
[In millions of pounds]

State	June av. 1947-56	June 1957	May 1958	June 1958	State	June av. 1947-56	June 1957	May 1958	June 1958
N. Y. ...	954	983	1,017	1,011	Ga. ....	103	103	109	104
N. J. ...	100	97	111	97	Ky. ....	254	278	278	275
Pa. ....	547	603	683	609	Tenn. ....	236	250	263	246
Ohio.....	548	540	558	544	Ala. ....	118	104	105	100
Ind. ....	384	377	379	360	Miss. ....	145	154	153	147
Ill. ....	520	505	523	490	Ark. ....	131	121	110	108
Mich. ...	552	533	530	536	Okla. ....	190	150	168	152
Wis. ....	1,719	1,791	1,879	1,812	Tex. ....	306	262	263	248
Minn. ...	909	987	1,060	1,009	Mont. ....	62	55	52	54
Iowa.....	653	667	653	667	Idaho.....	136	152	162	157
Mo. ....	425	416	404	406	Wyo. ....	25	21	19	22
N. Dak. .	224	220	189	216	Colo. ....	91	85	84	83
S. Dak. .	167	163	167	173	Utah.....	67	71	69	68
Nebr. ...	250	241	239	243	Wash. ....	181	184	195	184
Kans. ...	248	208	210	192	Oreg. ....	133	121	126	122
Va. ....	188	194	209	199	Calif. ...	586	681	730	659
W. Va. ..	84	80	82	82	Other States..	805	908	885	859
N. C. ...	147	159	167	159	U. S. ....	12,240	12,518	12,889	12,450
S. C. ...	52	54	58	57					

1/ Monthly data for other States not yet available.

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

Region	Milk-feed 1/				Butterfat-feed 2/			
	June 15, av. 1947-56	June 15, 1957	May 15, 1958	June 15, 1958	June 15, av. 1947-56	June 15, 1957	May 15, 1958	June 15, 1958
N. Atl. .	1.06	1.18	1.18	1.17	-	-	-	-
E.N.Cent.	1.09	1.24	1.22	1.21	19.4	19.4	19.5	19.7
W.N.Cent.	1.18	1.36	1.40	1.39	22.9	25.4	26.5	26.3
S.Atl. ...	1.32	1.52	1.47	1.47	-	-	-	-
S. Cent..	1.23	1.35	1.34	1.33	15.5	15.6	16.0	16.0
West. ...	1.15	1.27	1.33	1.29	17.9	18.3	19.2	19.0
U. S. .	1.12	1.26	1.27	1.25	20.9	22.9	23.6	23.5

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, June 15, 1958

[In dollars]

Region	June 15, av. 1947-56	June 15, 1957	Apr. 15, 1958	May 15, 1958	June 15, 1958
N. Atl. ....	3.93	3.59	3.58	3.59	3.57
E. N. Cent. ....	3.22	2.76	2.68	2.70	2.68
W. N. Cent. ....	2.89	2.40	2.23	2.24	2.24
S. Atl. ....	3.80	3.32	3.43	3.45	3.45
S. Cent. ....	3.60	3.08	3.07	3.06	3.06
West. ....	3.59	3.23	3.01	3.00	3.04
U. S.					
Milk-selling areas...	3.46	3.03	2.94	2.95	2.95
Cream-selling areas..	3.08	2.57	2.44	2.44	2.44
Combined milk and cream areas.....	3.39	2.97	2.89	2.90	2.90

### Production continues less than last year

Production of milk on farms during June 1958 was estimated at 12,450 million pounds, 1 percent below June last year, but 2 percent above the 1947-56 average for the month. This is the second consecutive month this year that production has fallen below the same month a year earlier. Seasonally, production in June decreased more than 3 percent compared with the average decline of 1 percent from May to June. At the halfway mark in 1958, United States milk production totaled 66,978 million pounds compared with 67,014 million pounds in the first 6 months of 1957. Considered relative to population, June milk production was at the rate of 2.39 pounds per person per day, 2 percent below June last year and 9 percent below the average for the month.

### Output below average in 18 States

Among the 35 States making monthly milk production estimates, June output was a record high for the month in 3 major dairy States -- Pennsylvania, Wisconsin, and Minnesota. Output in Virginia, North Carolina, South Carolina, and Idaho also reached new highs or equaled June records set in 1957. June production was below average in 18 States and established record lows for the month in Illinois, Kansas, Alabama, Arkansas, Texas, and Montana. As usual, Wisconsin led all States in total milk produced with 1,812 million pounds, followed by New York and Minnesota with 1,011 million and 1,009 million pounds, respectively. Milk cows in Iowa produced 667 million pounds of milk in June while California's output was 659 million.

### Record rate on July 1

Milk production per cow in crop reporters' herds on July 1 continued its record-setting ways and averaged 22.55 pounds. This was 0.8 pound, or 4 percent, above last year's previous record high for July 1. Production per cow was a record high for the date in all regions but the South Atlantic, where a 1 percent decline from last year occurred. In the regions registering new highs in production per cow in herd, increases ranged from 1 percent in the West to 5 percent in the North Atlantic and South Central, while other regions showed increases of 4 percent. Seasonally, production per cow was down 6 percent from June 1, which was slightly more than the usual decline from June 1 to July 1.

### High proportion of cows milked

Crop reporters milked 78.0 percent of the cows in their herds on July 1. This was the highest proportion in production for July 1 since 1939, and compared with 77.3 percent on July 1 a year ago and the average of 76.4 percent for this date. Crop reporters indicated a higher percentage of their cows in production than in the previous year in all regions of the country.

### Pastures providing excellent feed

Condition of dairy pastures in the United States remained high on July 1, as pastures in general were providing excellent feed except along the Canadian Border in the Northern States from Michigan through Montana. Pastures were reported at 87 percent of normal on July 1 for the country as a whole -- 2 percentage points less than on the same date last year, but otherwise the highest for July 1 since 1951. Seasonally, pastures in the North Central States improved enough during June to more than offset slight declines in other sections. Pastures were better than usual for July 1 in all regions except the East North Central.

### Condition improved in June in North Central States

Moisture received in late June benefited pastures in much of the North Central States. Although condition in this area was better than the month earlier, pastures for milk cows were not so good as on July 1 last year in either the East North Central or the West North Central region. However, pasture condition was above average for July 1 in the West North Central region as rains resulted in substantial improvement in grass feed in Minnesota, Iowa, and the southern two-thirds of North Dakota. In the East North Central region, pastures improved some during June, although the July 1 condition for the region was below average, due primarily to only fair green feed in Michigan and Wisconsin.

### Good grazing in Northeast

In the North Atlantic region, moisture was adequate and pastures were furnishing milk cows good grazing. Generally, pastures showed a slight decline from the previous month, but were considerably better than the relatively poor grass feed reported by crop correspondents on July 1 last year. Condition of pastures was above average for the date in most States in that region.

### Pastures better than usual in South

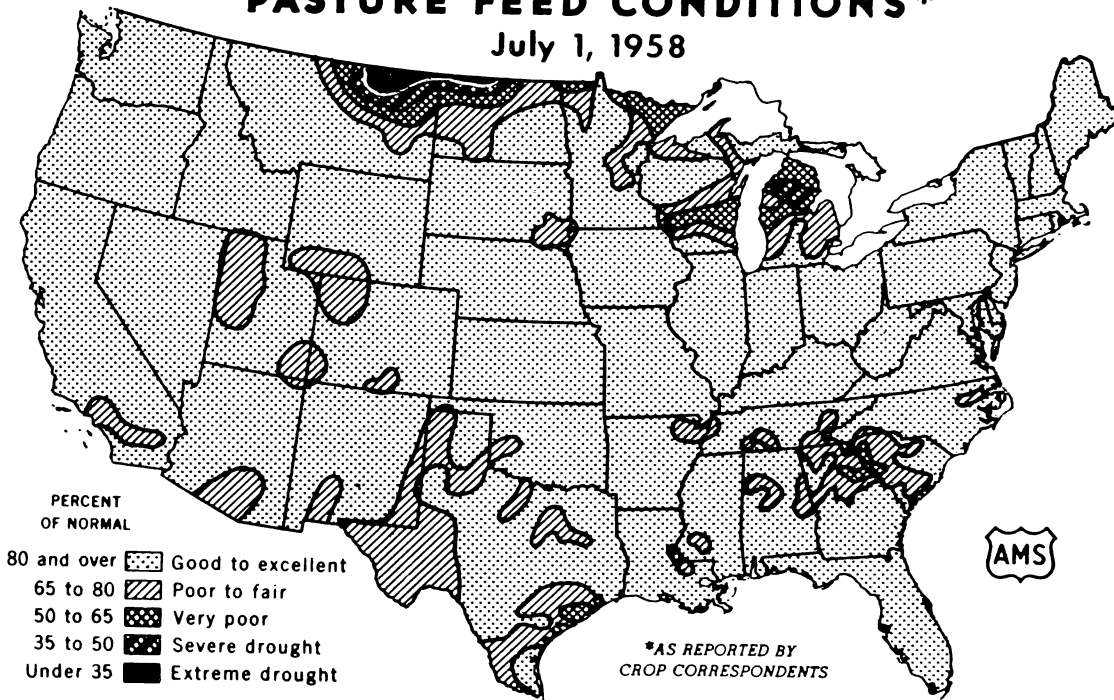
Pasture condition declined during June in both the South Atlantic and South Central regions, but was well above average for July 1. Pastures supplied more grass than last year in the South Atlantic region, but a little less grazing than a year earlier in the South Central section of the country. Pastures deteriorated in June in northeastern Georgia, Tennessee, South Carolina, and parts of Texas.

### Excellent pastures in most Western States

On July 1, pastures furnished excellent grazing for milk cows in most of the West. Condition of pastures, at 89 percent of normal, declined slightly from the previous month and July 1 last year. Pasture feed was plentiful in most States, with considerable improvement in Montana. However, drying has caused pastures to deteriorate in Colorado, Utah, and spots of the Southwest.

# 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

\*AS REPORTED BY CROP CORRESPONDENTS

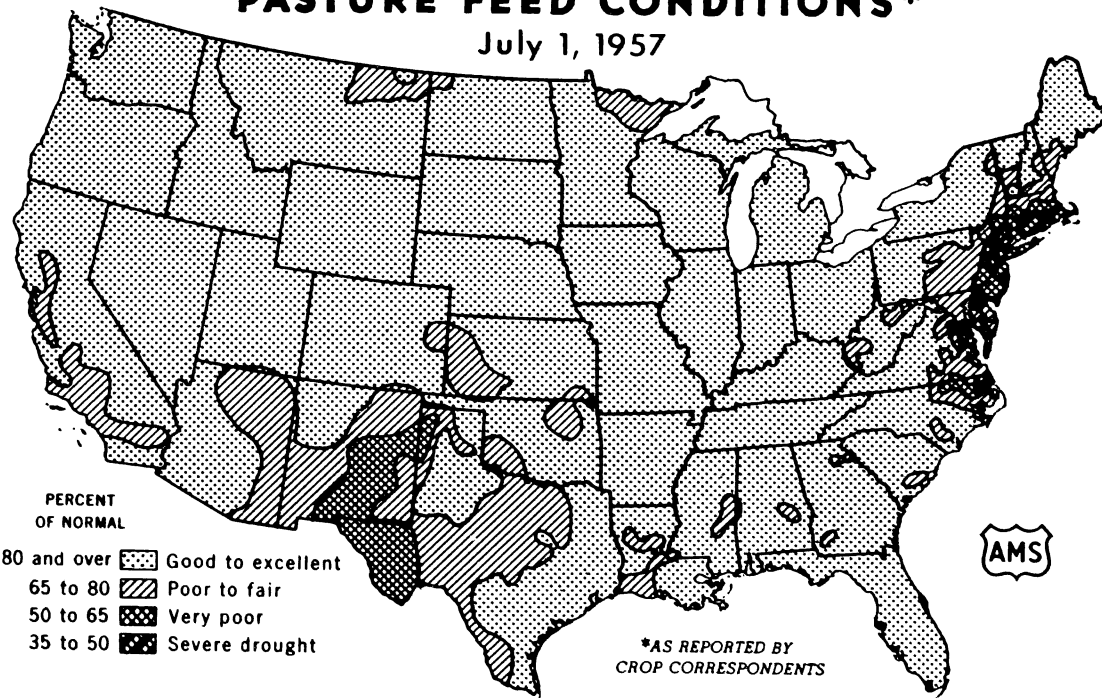
\* INDICATES CURRENT SUPPLY OF PASTURE FEED FOR GRAZING RELATIVE TO THAT EXPECTED FROM EXISTING STANDS UNDER VERY FAVORABLE WEATHER CONDITIONS

U. S. DEPARTMENT OF AGRICULTURE

NEG. 6313-58 (7) AGRICULTURAL MARKETING SERVICE

# PASTURE FEED CONDITIONS\*

July 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

\*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. 4311-57 (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. 1947-56	July 1, 1957	July 1, 1958	July 1, av. 1947-56	July 1, 1957	July 1, 1958
	Pounds	Pounds	Pounds	Percent	Percent	Percent
Me. ....	21.7	25.0	25.4	83.0	82.8	83.4
N. H. ....	21.0	24.3	26.8	81.7	83.2	83.6
Vt. ....	21.9	22.9	25.8	87.0	86.0	88.0
Mass. ....	22.1	22.5	24.9	82.0	81.0	78.8
Conn. ....	21.2	23.4	25.1	80.1	81.2	82.9
N. Y. ....	25.2	26.4	28.5	86.1	86.4	86.0
N. J. ....	22.9	22.8	24.3	81.1	78.8	81.2
Pa. ....	22.7	23.9	24.4	83.3	82.8	82.3
N. Atl. ....	23.31	24.67	25.91	83.7	83.7	83.8
Ohio.....	22.1	24.2	25.8	79.8	81.7	83.1
Ind. ....	21.0	23.5	23.2	78.4	79.6	79.3
Ill. ....	21.1	23.4	22.9	75.1	76.5	76.9
Mich. ....	25.0	26.4	28.1	86.6	84.8	84.7
Wis. ....	25.4	27.2	28.3	89.2	89.0	89.0
E. N. Cent. ....	23.85	25.86	26.85	84.4	84.9	85.2
Minn. ....	23.7	25.5	27.2	85.7	87.2	88.2
Iowa.....	21.8	24.3	25.5	75.8	77.7	79.0
Mo. ....	16.5	18.6	18.5	69.7	71.0	71.5
N. Dak. ....	21.2	22.5	23.3	76.3	75.0	77.7
S. Dak. ....	18.8	22.0	22.8	71.5	76.8	77.5
Nebr. ....	20.0	22.5	22.5	74.9	77.2	74.6
Kans. ....	17.8	19.4	19.1	70.8	71.8	70.6
W. N. Cent. ....	20.24	22.36	23.33	75.8	77.8	78.6
Md. ....	19.5	20.0	21.0	76.3	74.4	75.5
Va. ....	17.1	19.9	19.7	71.3	74.0	71.9
W. Va. ....	16.3	17.0	17.8	73.3	73.7	73.2
N. C. ....	15.5	17.2	17.0	73.1	71.3	73.3
S. C. ....	12.7	13.2	13.4	68.8	66.8	66.0
Ga. ....	10.8	12.0	13.2	60.0	58.9	62.4
S. Atl. ....	15.22	17.02	16.82	69.8	70.3	71.3
Ky. ....	15.6	17.2	17.2	70.3	71.4	69.8
Tenn. ....	13.8	15.3	16.3	71.1	70.7	72.1
Ala. ....	10.5	10.0	9.5	59.4	56.3	52.6
Miss. ....	9.3	9.7	9.8	61.0	59.4	63.4
Ark. ....	11.2	12.6	12.7	61.3	61.1	62.8
La. ....	7.8	8.5	8.3	47.1	51.9	51.9
Okla. ....	13.0	14.2	15.4	62.4	64.7	67.0
Tex. ....	10.0	11.0	11.9	57.7	55.9	55.9
S. Cent. ....	11.92	13.24	13.86	62.9	62.9	64.1
Mont. ....	21.1	23.3	22.9	74.3	74.5	73.8
Idaho.....	24.1	25.2	26.2	82.2	83.0	83.1
Wyo. ....	22.1	23.0	23.9	74.3	73.6	72.3
Colo. ....	20.4	21.3	21.5	75.4	76.2	74.4
Utah.....	23.3	24.7	24.2	80.2	77.4	77.4
Wash. ....	24.2	25.1	26.1	83.1	81.6	81.9
Oreg. ....	22.8	24.0	24.8	81.1	81.3	83.7
Calif. ....	23.6	27.9	28.4	80.1	81.2	82.3
West. ....	22.85	25.52	25.88	79.9	80.1	80.5
U. S. ....	19.78	21.73	22.55	76.4	77.3	78.0

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, 1958 <sup>1/</sup>

[Percent]

State and division	July 1, av. 1947-56	July 1, 1956	July 1, 1957	July 1, 1958
Me. ....	92	89	87	89
N. H. ....	89	86	78	89
Vt. ....	89	89	85	91
Mass. ....	88	84	62	93
R. I. ....	88	84	40	94
Conn. ....	88	90	45	92
N. Y. ....	84	86	84	90
N. J. ....	78	82	47	87
Pa. ....	84	89	81	88
N. Atl. ....	85	87	78	90
Ohio.....	89	93	95	93
Ind. ....	91	94	98	94
Ill. ....	88	84	95	94
Mich. ....	89	91	97	72
Wis. ....	87	88	92	77
E. N. Cent. ....	88	89	95	84
Minn. ....	87	87	91	85
Iowa.....	89	54	97	91
Mo. ....	81	68	92	94
N. Dak. ....	83	80	88	69
S. Dak. ....	82	54	98	86
Nebr. ....	85	57	96	95
Kans. ....	78	46	87	91
W. N. Cent. ....	85	66	93	88
Del. ....	82	83	64	91
Md. ....	83	83	73	91
Va. ....	84	72	89	98
W. Va. ....	87	88	85	95
N. C. ....	78	65	92	89
S. C. ....	70	49	88	76
Ga. ....	74	69	87	83
Fla. ....	76	77	89	86
S. Atl. ....	80	72	86	90
Ky. ....	85	89	96	95
Tenn. ....	80	83	94	86
Ala. ....	76	77	87	85
Miss. ....	77	83	91	90
Ark. ....	77	84	94	89
La. ....	73	75	88	87
Okla. ....	76	56	84	89
Tex. ....	67	43	82	82
S. Cent. ....	76	69	89	88
Mont. ....	85	66	91	80
Idaho.....	91	95	99	94
Wyo. ....	82	76	97	90
Colo. ....	73	53	91	90
N. Mex. ....	62	55	68	82
Ariz. ....	76	74	79	84
Utah.....	84	83	95	84
Nev. ....	86	91	97	97
Wash. ....	86	79	95	89
Oreg. ....	89	91	97	97
Calif. ....	79	83	84	89
West. ....	82	79	90	89
U. S. ....	84.1	78.3	89.5	87.3

<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.