

# MILK PRODUCTION

~~PERIODICAL ROOM~~

HD  
9275  
U6  
A2

July 12, 1957

## SUMMARY

Milk production on farms during June totaled 12,662 million pounds, the highest for this month since 1945 and 3 percent above the 1946-55 average. Milk production per cow in crop reporters' herds averaged 21.73 pounds on July 1. The average was at record levels in most areas of the country. A record total of 67.3 billion pounds of milk was produced for the first 6 months of 1957 compared with the previous high of 66.8 billion pounds for the comparable period of 1956. Dairy pastures were in the best condition for July 1 since 1951. The moisture situation was very favorable over much of the country during June. However, pastures were short on July 1 in some Atlantic Coast States, southern New Mexico, and western Texas.

Table 1.-Monthly milk production on farms, United States, 1946-55 average, 1956 and 1957

Month	Monthly total				Daily average per capita		
	Average 1946-55	1956	1957	$\frac{1957}{1956}$	Average 1946-55	1956	1957
	Mil. pounds	Mil. pounds	Mil. pounds	Percent	Pounds	Pounds	Pounds
Jan. ...	8,446	9,603	9,697	101	1.79	1.86	1.84
Feb. ...	8,284	9,657	9,464	$\frac{1}{98}$	1.93	1.99	1.99
Mar. ...	9,799	10,888	10,961	101	2.07	2.10	2.08
Apr. ...	10,530	11,325	11,428	101	2.30	2.25	2.24
May.....	12,368	12,840	13,122	102	2.62	2.47	2.48
June....	12,242	12,490	12,662	101	2.67	2.48	2.47
July....	11,428	11,526			2.41	2.21	
Aug. ...	10,453	10,659			2.20	2.04	
Sept. ..	9,158	9,512			1.99	1.88	
Oct. ...	8,658	9,276			1.82	1.77	
Nov. ...	7,879	8,695			1.70	1.71	
Dec. ...	8,223	9,227			1.72	1.76	
Year..	117,468	125,698			2.10	2.04	

1/ Influenced by extra day in February 1956.

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

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Washington, D. C.

Table 2.-Monthly milk production on farms, selected States,  
June 1957, with comparisons 1/

[In millions of pounds]

State	June av. 1946-55	June 1956	May 1957	June 1957	State	June av. 1946-55	June 1956	May 1957	June 1957
N. Y. ...	936	1,041	1,031	979	Ga. ....	104	102	109	102
N. J. ...	100	100	113	99	Ky. ....	251	265	289	284
Pa. ....	538	610	675	611	Tenn. ...	235	241	274	252
Ohio.....	548	565	587	565	Ala. ...	120	110	110	105
Ind. ....	385	375	390	381	Miss. ...	144	152	153	148
Ill. ....	526	492	546	512	Ark. ...	133	128	126	126
Mich. ...	556	536	531	534	Okla. ...	199	166	165	149
Wis. ....	1,711	1,761	1,863	1,803	Tex. ...	316	264	297	271
Minn. ...	911	956	1,020	973	Mont. ...	64	55	52	57
Iowa.....	661	636	690	681	Idaho...	134	148	157	152
Mo. ....	425	429	422	419	Wyo. ...	26	22	20	22
N. Dak. .	226	224	196	227	Colo. ...	93	83	86	85
S. Dak. .	171	155	160	165	Utah....	67	72	74	73
Nebr. ...	254	245	253	251	Wash. ...	183	180	196	184
Kans. ...	256	215	232	210	Oreg. ...	136	122	125	123
Va. ....	187	189	196	195	Calif. .	576	653	713	680
W. Va. ...	85	84	83	81	Other States.	788	908	960	947
N.C. ....	145	154	170	161	U.S. ...	12,242	12,490	13,122	12,662
S.C. ....	52	52	58	55					

1/ Monthly data for other States not yet available.

Table 3.-Dairy product-feed price ratios, by regions,  
June 15, 1957, with comparisons

Region	Milk-feed 1/				Butterfat-feed 2/			
	June 15, av. 1936-55	June 15, 1956	May 15, 1957	June 15, 1957	June 15, av. 1936-55	June 15, 1956	May 15, 1957	June 15, 1957
N. Atl. .	1.09	1.11	1.16	1.17	-	-	-	-
E.N.C. ..	1.12	1.23	1.23	1.25	20.8	18.8	19.0	19.4
W.N.C. ..	1.31	1.33	1.33	1.36	24.3	23.7	24.8	25.4
S. Atl. .	1.37	1.49	1.46	1.53	-	-	-	-
S. Cent..	1.25	1.44	1.32	1.35	16.7	15.6	15.5	15.6
West. ...	1.19	1.24	1.27	1.28	19.2	18.5	18.1	18.3
U.S. ...	1.15	1.25	1.25	1.27	22.0	21.6	22.4	22.9

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.

### Production continues high

Milk production on farms during June totaled 12,662 million pounds, the highest for this month since 1945 and 3 percent above the 1946-55 average. Output exceeded June 1956 production of 12,490 million pounds by 1 percent. Milk flow declined seasonally from May to June at a slightly faster rate than a year ago and average. The faster decline this year is reflected by a downward seasonal trend in the rate per cow and a continuing decline in the number of milk cows. During June, milk production was at a daily rate of 2.47 pounds per capita compared with 2.48 pounds a year earlier and the average of 2.67 pounds. For the first 6 months of 1957, a record total of 67.3 billion pounds of milk was produced compared with the previous record of 66.8 billion pounds for the comparable period in 1956.

### Production per cow at record levels

Milk production per cow in crop reporters' herds averaged 21.73 pounds on July 1. Output continued at record levels for that date over much of the country. Production per cow lagged behind last year in only the North Atlantic States. Seasonally, production dropped off more sharply than usual from June 1 to July 1 in all areas of the country except the West North Central and South Atlantic States. For the country as a whole, milk production per cow declined 6 percent from June 1 to July 1 compared with the average decrease of 5 percent. On July 1, milk production per cow was 11 percent above average for that date, with gains ranging from 7 percent in the North Atlantic to 13 percent in the West.

Crop correspondents reported that 77.3 percent of the milk cows in their herds were milked on July 1, compared with 76.6 percent a year earlier, and the July 1 average of 76.4 percent. Reporters in the Western States only milked a smaller proportion of milk cows in herds than July 1, 1956.

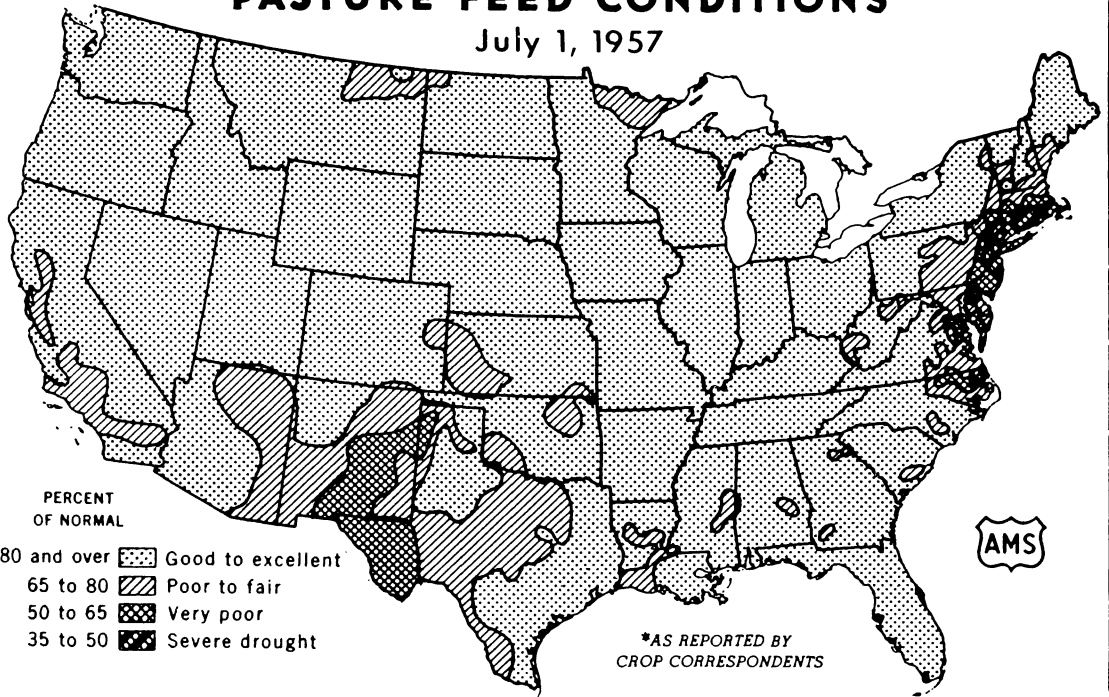
Among the 35 States with monthly milk production estimates available, June production equaled or exceeded the record high in 9 States, but was below average in 18 States. Wisconsin was the leading milk producing State with 1,803 million pounds in June, exceeding the high level of the past two years. New York was second with 979 million pounds, followed by Minnesota with 973 million, Iowa with 681 million, and California with 680 million pounds.



### July 1 pastures best since 1951

Condition of dairy pastures averaged 90 percent of normal on July 1 -- 12 percentage points above last year and 5 points above average for the date. Condition was the highest reported for July 1 since 1951 when dairy pastures averaged 92 percent of normal. Seasonally, pastures improved 1 percentage point from June 1 to July 1, when usually there is very little change during this period. The moisture situation was very favorable over much of the country during June. However, pastures were short on July 1 in northern and central Atlantic Coast areas, southern New Mexico, and western Texas.

# 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

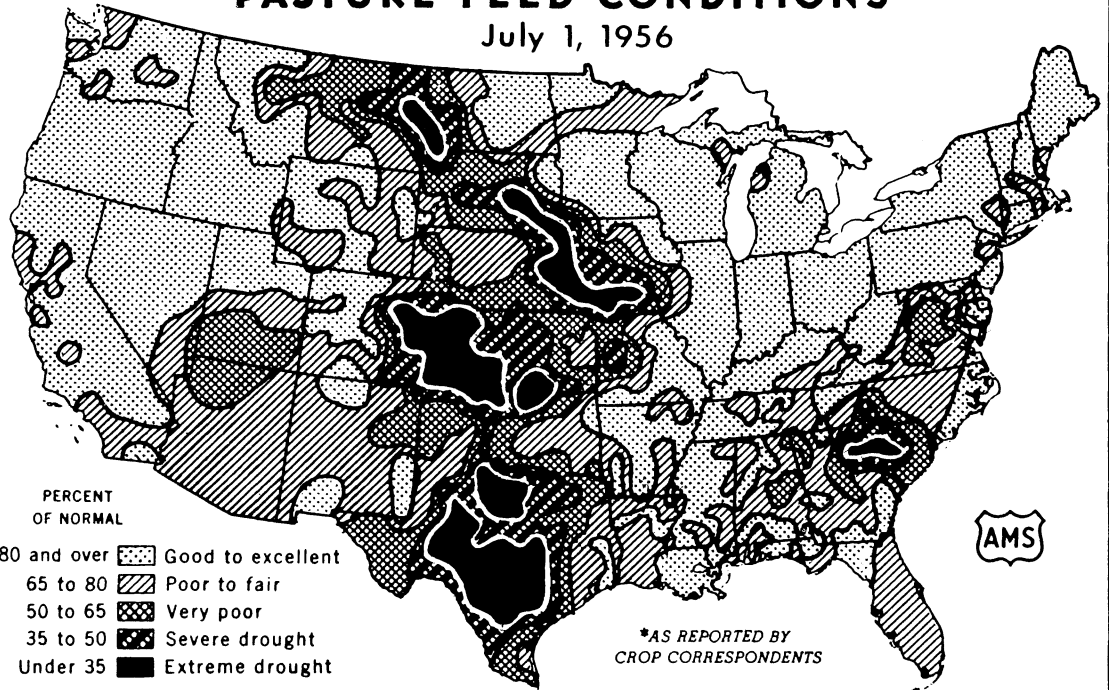
\* INDICATES CURRENT SUPPLY OF PASTURE FEED FOR GRAZING RELATIVE TO THAT EXPECTED FROM EXISTING STANDS UNDER VERY FAVORABLE WEATHER CONDITIONS






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NEG. 4311-57 (7) AGRICULTURAL MARKETING SERVICE

# PASTURE FEED CONDITIONS\*

July 1, 1956



- 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

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Table 4.-Milk produced per milk cow and percent of milk cows milked in herds kept by reporters <sup>1/</sup>

State and division	Milk produced per milk cow <sup>2/</sup>			Percent of milk cows milked		
	July 1, av. 1946-55	July 1, 1956	July 1, 1957	July 1, av. 1946-55	July 1, 1956	July 1, 1957
	Pounds	Pounds	Pounds	Percent	Percent	Percent
Me. ....	21.5	22.2	25.0	83.0	83.6	82.8
N. H. ....	20.7	22.5	24.3	81.8	81.6	83.2
Vt. ....	21.8	22.8	22.9	87.2	84.5	86.0
Mass. ....	21.8	24.8	22.5	82.0	84.0	81.0
Conn. ....	20.7	24.1	23.4	80.2	80.1	81.2
N. Y. ....	24.9	26.8	26.4	86.1	86.3	86.4
N. J. ....	22.9	22.4	22.8	81.3	79.2	78.8
Pa. ....	22.4	24.4	23.9	83.3	82.6	82.8
N. Atl. ....	23.01	24.84	24.67	83.7	83.4	83.7
Ohio. ....	21.7	24.6	24.2	79.6	80.3	81.7
Ind. ....	20.7	22.3	23.5	78.4	78.0	79.6
Ill. ....	20.8	21.8	23.4	74.8	75.1	76.5
Mich. ....	24.8	26.3	26.4	86.7	85.7	84.8
Wis. ....	25.3	25.7	27.2	89.3	88.6	89.0
E. N. Cent. ....	23.57	24.80	25.86	84.2	84.1	84.9
Minn. ....	23.4	24.8	25.5	85.5	85.7	87.2
Iowa. ....	21.6	22.5	24.3	75.7	76.4	77.7
Mo. ....	16.2	18.0	18.6	69.4	72.2	71.0
N. Dak. ....	20.9	21.8	22.5	75.8	78.3	75.0
S. Dak. ....	18.6	19.4	22.0	71.2	73.0	76.8
Nebr. ....	19.9	21.1	22.5	74.8	74.6	77.2
Kans. ....	17.5	18.5	19.4	70.6	71.7	71.8
W. N. Cent. ....	19.97	21.21	22.36	75.6	77.1	77.8
Md. ....	19.2	21.5	20.0	76.8	77.8	74.4
Va. ....	16.9	18.0	19.9	71.6	70.7	74.0
W. Va. ....	16.2	17.4	17.0	73.3	72.4	73.7
N. C. ....	15.3	15.9	17.2	73.3	73.4	71.3
S. C. ....	12.7	12.8	13.2	69.6	65.2	66.8
Ga. ....	10.6	11.5	12.0	60.0	59.3	58.9
S. Atl. ....	15.15	15.74	17.02	70.1	68.9	70.3
Ky. ....	15.4	16.2	17.2	70.2	70.1	71.4
Tenn. ....	13.8	14.0	15.3	71.4	69.3	70.7
Ala. ....	10.5	10.2	10.0	60.2	55.0	56.3
Miss. ....	9.2	9.8	9.7	61.7	58.9	59.4
Ark. ....	11.0	12.5	12.6	61.2	62.2	61.1
La. ....	7.7	8.0	8.5	46.7	50.8	51.9
Okla. ....	12.8	14.8	14.2	62.6	63.4	64.7
Tex. ....	9.9	10.6	11.0	58.0	56.7	55.9
S. Cent. ....	11.81	12.80	13.24	63.1	62.1	62.9
Mont. ....	21.1	20.4	23.3	74.4	71.8	74.5
Idaho. ....	23.8	25.7	25.2	81.8	82.9	83.0
Wyo. ....	21.8	22.7	23.0	74.7	70.8	73.6
Colo. ....	20.2	20.4	21.3	75.2	76.3	76.2
Utah. ....	22.7	27.2	24.7	80.0	82.3	77.4
Wash. ....	24.1	24.2	25.1	83.1	83.6	81.6
Oreg. ....	22.7	23.5	24.0	81.4	79.8	81.3
Calif. ....	23.2	25.4	27.9	79.8	80.2	81.2
West. ....	22.58	24.00	25.52	79.8	80.3	80.1
U. S. ....	19.53	20.90	21.73	76.4	76.6	77.3

<sup>1/</sup> 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.

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

Table 5.-Dairy pasture feed condition, as percentage of normal,  
July 1, 1957, with comparisons 1/

[Percent]

State and division	July 1, av. 1946-55	July 1, 1955	July 1, 1956	July 1, 1957
Me. ....	92	99	89	87
N. H. ....	89	95	86	78
Vt. ....	90	94	89	85
Mass. ....	90	95	84	62
R. I. ....	89	92	84	40
Conn. ....	88	82	90	45
N. Y. ....	85	79	86	84
N. J. ....	78	74	82	47
Pa. ....	85	78	89	81
N. Atl. ....	86	82	87	78
Ohio.....	89	88	93	95
Ind. ....	90	93	94	98
Ill. ....	89	94	84	95
Mich. ....	89	86	91	97
Wis. ....	87	91	88	92
E. N. Cent. ....	88	90	89	95
Minn. ....	87	78	87	91
Iowa.....	93	89	54	97
Mo. ....	83	89	68	92
N. Dak. ....	81	89	80	88
S. Dak. ....	85	71	54	98
Nebr. ....	87	85	57	96
Kans. ....	81	83	46	87
W. N. Cent. ....	86	83	66	93
Del. ....	83	82	83	64
Md. ....	84	85	83	73
Va. ....	86	83	72	89
W. Va. ....	87	89	88	85
N. C. ....	80	79	65	92
S. C. ....	72	76	49	88
Ga. ....	76	72	69	87
Fla. ....	77	67	77	89
S. Atl. ....	81	80	72	86
Ky. ....	85	93	89	96
Tenn. ....	81	89	83	94
Ala. ....	77	80	77	87
Miss. ....	78	78	83	91
Ark. ....	77	86	84	94
La. ....	74	73	75	88
Okla. ....	78	77	56	84
Tex. ....	71	70	43	82
S. Cent. ....	77	80	69	89
Mont. ....	86	96	66	91
Idaho.....	91	91	95	99
Wyo. ....	84	85	76	97
Colo. ....	76	77	53	91
N. Mex. ....	60	64	55	68
Ariz. ....	74	72	74	79
Utah.....	83	80	83	95
Nev. ....	86	82	91	97
Wash. ....	88	88	79	95
Oreg. ....	89	84	91	97
Calif. ....	78	76	83	84
West. ....	82	82	79	90
U. S. ....	84.9	84.3	78.3	89.5

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.

### Pastures below average in Northeast

In the North Atlantic Coast States, dairy pastures deteriorated during the month of June, due to dry weather. Their condition was well below normal, especially in southwestern Massachusetts, Rhode Island, New Jersey, eastern Connecticut and Pennsylvania, and extending down into eastern Virginia. The July 1 condition in the North Atlantic States was reported at 78 percent of normal compared with 88 percent a month ago and 87 percent a year earlier.

### Good pasture feed in North Central States

In the North Central States, pastures improved during the month from the already good condition that existed a month earlier. Reported condition in the East North Central States was 95 percent compared with 91 a month earlier. In the West North Central States, the July 1 condition was 93 percent compared with 87 on June 1. In these States, the July 1, 1956 condition was only 66 percent. The favorable moisture situation this year has created some problem with weeds which have recovered from the dry weather more rapidly than pasture feed.

### Great Plains has best condition in years

In the Great Plains and South Central States, pastures were in the best condition in several years. However, a very dry situation existed in the Trans Pecos area of western Texas and extending into southern and eastern New Mexico. In the Pacific and Rocky Mountain regions, pastures were in generally good shape and supplying plentiful grazing. However, pastures were becoming dry in the Sacramento Valley of California.