

# MILK PRODUCTION

PERIODICAL ROOM

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July 11, 1962

SUMMARY JUL 20 1962

June milk production in the United States is estimated at 12,041 million pounds, practically unchanged from the June output last year. This is the first time since February 1961 that production has failed to show an appreciable gain over the corresponding month a year earlier. June production was down 3.9 percent from May, slightly more than the usual seasonal decline. For the first half of 1962, cumulative milk production exceeded output in 1961 by 1.4 percent. Milk produced per cow in herds kept by crop reporters averaged 24.09 pounds on July 1, up one-quarter of a pound from July 1, 1961.

Pasture condition improved considerably during June in most of the country except the North Atlantic and East North Central Regions. By July 1, reported condition of dairy pastures for the United States averaged 84 percent of normal, 2 points higher than on June 1. However, July 1 condition was 1 point lower than a year earlier, also 1 point below the 1951-60 average for the date. Light June rainfall from Ohio eastward into part of New England caused pastures to dry up rapidly during the month. Southern pastures responded well to ample June rainfall, well distributed through the month.

Table 1.-Monthly milk production on farms, United States, 1951-60 average, 1961 and 1962

Month	Monthly total				Daily average per capita		
	Average 1951-60	1961	1962	$\frac{1962}{1961}$	Average 1951-60	1961	1962
	Mil. pounds	Mil. pounds	Mil. pounds	Percent	Pounds	Pounds	Pounds
Jan. ....	9,213	9,862	10,118	102.6	1.79	1.75	1.77
Feb. ....	8,950	9,438	9,629	102.0	1.91	1.85	1.86
Mar. ....	10,364	10,931	11,101	101.6	2.01	1.94	1.94
Apr. ....	10,890	11,200	11,340	101.2	2.18	2.05	2.04
May.....	12,459	12,375	12,533	101.3	2.42	2.19	2.18
June.....	12,126	12,039	12,041	100.0	2.43	2.20	2.16
July.....	11,182	11,057			2.16	1.95	
Aug. ....	10,285	10,270			1.99	1.81	
Sept. ...	9,276	9,621			1.85	1.75	
Oct. ....	9,040	9,672			1.74	1.70	
Nov. ....	8,468	9,219			1.68	1.67	
Dec. ....	8,958	9,772			1.72	1.71	
Year...	121,211	125,456			1.99	1.88	

Table 2.-Monthly milk production on farms, selected States, June 1962, with comparisons  
 [In millions of pounds]

State	June av. 1951-60	June 1961	May 1962	June 1962	State	June av. 1951-60	June 1961	May 1962	June 1962
N. Y. ....	980	1,031	1,073	1,006	Ga. ....	96	90	86	83
N. J. ....	100	102	112	99	Ky. ....	255	260	257	257
Pa. ....	584	647	700	636	Tenn. ....	234	232	239	235
Ohio.....	524	509	534	497	Ala. ....	107	88	91	86
Ind. ....	357	309	315	312	Miss. ....	138	120	122	115
Ill. ....	475	415	444	414	Ark. ....	117	93	95	95
Mich. ....	529	506	535	535	Okla. ....	157	136	135	130
Wis. ....	1,776	1,804	1,855	1,830	Tex. ....	276	268	273	258
Minn. ....	948	1,030	1,103	1,046	Mont. ....	55	47	46	46
Iowa.....	631	622	628	620	Idaho.....	147	165	155	150
Mo. ....	408	377	404	394	Wyo. ....	22.4	19.0	17.2	18.9
N. Dak. ...	210	183	194	199	Colo. ....	84	74	71	71
S. Dak. ...	158	153	145	148	Utah.....	68	70	71	70
Nebr. ....	234	201	199	192	Wash. ....	180	196	215	208
Kans. ....	214	185	182	173	Oreg. ....	126	122	122	118
Md. ....	122	136	144	129	Calif. ....	639	712	753	719
Va. ....	186	188	196	190	Other				
W. Va. ....	77	63	57	58	States 1/	718	702	777	714
N. C. ....	145	140	144	140	U. S. ....	12,126	12,039	12,533	12,041
S. C. ....	49	44	44	43					

1/ Monthly data for individual States not available.

Table 3.-Dairy product-feed price ratios, by regions, June 15, 1962, with comparisons

Region	Milk-feed 1/				Milkfat-feed 2/			
	June 15, av. 1951-60	June 15, 1961	May 15, 1962	June 15, 1962	June 15, av. 1951-60	June 15, 1961	May 15, 1962	June 15, 1962
N. Atl. ...	1.10	1.17	1.14	1.15	-	-	-	-
E. N. C. ..	1.16	1.34	1.28	1.28	19.4	20.8	20.2	20.3
W. N. C. ...	1.26	1.45	1.33	1.31	24.1	26.8	24.5	24.5
S. Atl. ...	1.42	1.56	1.56	1.58	-	-	-	-
S. Cent. ...	1.28	1.40	1.32	1.32	15.5	17.1	16.3	16.3
West. ....	1.22	1.30	1.30	1.29	18.0	18.9	18.3	18.2
U. S. ...	1.18	1.32	1.28	1.27	22.0	25.1	23.3	23.3

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, June 15, 1962, with comparisons

[In dollars]

Region	June 15, av. 1951-60	June 15, 1961	April 15, 1962	May 15, 1962	June 15, 1962
N. Atl. ....	3.75	3.54	3.55	3.53	3.51
E. N. C. ....	2.99	2.69	2.68	2.68	2.64
W. N. C. ....	2.64	2.31	2.40	2.40	2.39
S. Atl. ....	3.61	3.27	3.22	3.22	3.19
S. Cent. ....	3.38	3.02	3.07	3.08	3.04
West. ....	3.41	3.15	3.13	3.14	3.13
U. S.					
Milk-selling areas..	3.25	2.93	2.94	2.94	2.91
Cream-selling areas.	2.81	2.41	2.48	2.48	2.47
Combined milk and cream areas.....	3.19	2.90	2.92	2.92	2.89

### June milk production about the same as in 1961

June milk production in the United States is estimated at 12,041 million pounds, practically unchanged from the June output last year. This is the first time since February 1961 that production has failed to show an appreciable gain over the corresponding month a year earlier. June production was down 3.9 percent from May compared with the 1951-60 average seasonal decline of 2.7 percent. For the first half of 1962, cumulative milk production exceeded output in 1961 by 1.4 percent. June production provided 2.16 pounds of milk daily per capita compared with 2.20 pounds last year.

Minnesota and California are the only States in which milk production was at a record high for June. For the month of June, new record lows in production were set in Nebraska, Kansas, West Virginia, Georgia, Montana, Wyoming, and Colorado. June production equaled previous record lows for the month in South Dakota, Alabama, Mississippi, Oklahoma and Texas.

### Rate per cow above a year earlier except in the North Central Regions

Milk produced per cow in herds kept by crop reporters averaged 24.09 pounds on July 1, up one-quarter of a pound from July 1, 1961. Although the national average rate on July 1 exceeded a year ago, production per cow in the North Central Regions was slightly below the same date last year. The July 1 rate was above the 10-year average in each region and the national rate was 15 percent above average. The 7 percent decline in production per cow from June 1 to July 1 equaled the 10-year average seasonal decline between the two dates. However, in the South Central Region, production per cow advanced contraseasonally due to improved pastures during June.

Reporters indicated that 78.5 percent of the cows in their dairy herds were milked on July 1. This was down from 80.1 percent on June 1, in line with the 10-year average seasonal decline. Compared with July 1 last year, the percent of cows milked was up about 1 point.

### Milk-feed price ratio continues below a year earlier

The ratio of prices received for milk to the value of concentrate ration averaged 1.27 on June 15, compared with 1.28 on May 15, and 1.32 on June 15 a year ago. Prices received by producers for all milk sold wholesale averaged \$3.70 per hundredweight in June, down 6 cents from May and 17 cents below June 1961. The value of grains and concentrates fed to milk cows declined less than milk prices, averaging \$2.91 per hundredweight in milk-selling areas in mid-June. The feed-price ratio for milkfat sold as cream was 23.3 on June 15, compared with 25.1 a year earlier. June prices for milkfat in cream averaged 3 cents per pound below a year earlier while ration values in cream-selling areas were 6 cents higher than on June 15, 1961.

### Dairy pastures holding up well except in Northeast

Pasture condition improved considerably during June in most of the country except the North Atlantic and East North Central Regions. By July 1, reported condition of dairy pastures for the United States averaged 84 percent of normal, 2 points higher than on June 1. However, July 1 condition was 1 point lower than a year earlier, also 1 point below the 1951-60 average for the date.

June rainfall was above normal in most of the southern areas where pastures had dried up rapidly during May. The rains were well distributed through June, maintaining good pasture feed later than usual. In contrast, June rainfall was considerably below normal from Ohio eastward into part of New England, and pastures dried up rapidly during the month. Dry soil conditions in local areas of the midwest were relieved by a heavy general rain early in July. Hot spells during June were generally of short duration and temperatures averaged below normal for the month in a large part of the country.

In the North Atlantic Region, dairy pasture condition was reported at 69 percent of normal on July 1, compared with 92 percent a year earlier and the 10-year average of 86 percent for the date. In both New York and Pennsylvania, July 1 pasture condition was nearly 30 points below a year earlier and more than 20 points below the 10-year average. Lack of pasture feed required heavy supplemental feeding of hay, silage and "green chop" on many dairy farms during June. July 1 pasture condition was 17 points below the 10-year average in New Jersey and 5 to 8 points below average in all New England States except Rhode Island.

The dry weather which prevailed in the Northeast during June extended westward across most of Ohio, where precipitation has been below normal for the last 4 months. The pasture condition of 70 percent for Ohio on July 1 was 22 points below a year earlier and the lowest for the date since 1936. Pastures held up fairly well during June in other States of the East North Central Region and the general rain in early July revived pastures in local areas which were missed by June rains. For the region as a whole, July 1 condition of dairy pastures was 1 point above a year earlier but 3 points below average.

#### Pasture feed unusually good in West North Central Region

On July 1, pastures were good to excellent in the West North Central Region, except for some areas of Missouri and Kansas. The regional average of 93 percent on July 1 was 8 points above the 10-year average. Reported condition gained during June in each State of this region. Kansas pastures revived quickly after heavy general rains around June 1 and reported condition rose 21 points during the month. In North Dakota, condition of pastures is the best in many years, in contrast to drought conditions a year ago.

#### Southern pastures much improved but not up to year ago

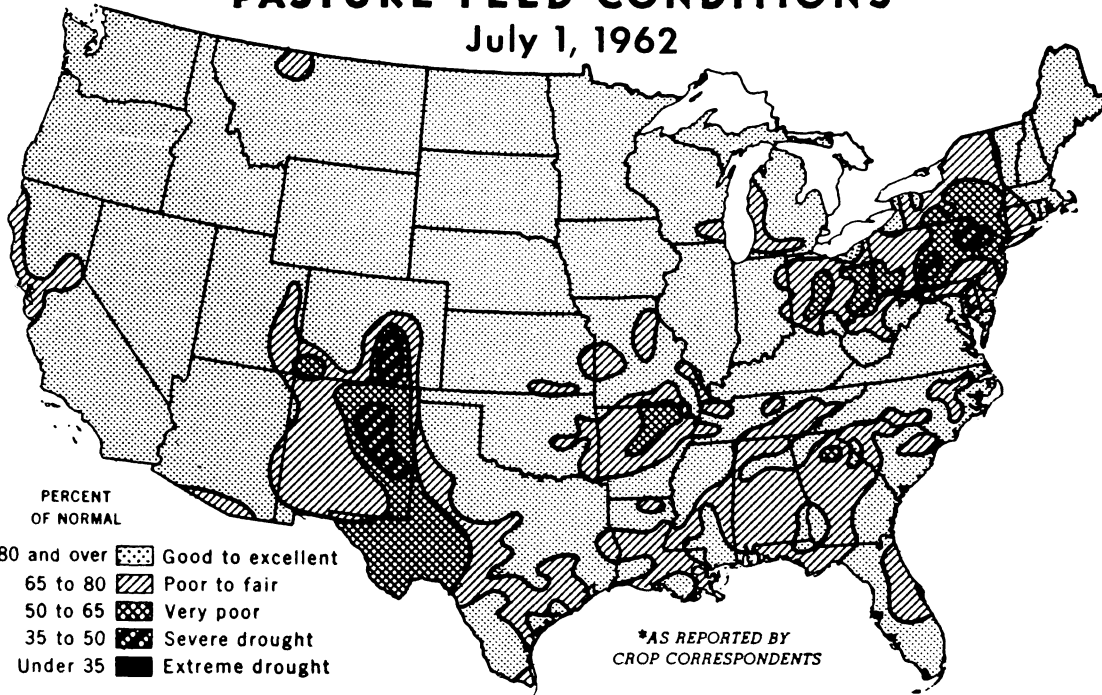
Pastures responded well to ample June rainfall throughout the South. From June 1 to July 1, reported condition increased 14 points in the South Atlantic Region and 17 points in the South Central, with gains in each State of the two regions. Despite the marked improvement during June, condition on July 1 was below the unusually high levels a year earlier in all southern States except Florida. After ample rains throughout June, southern pastures should continue to furnish more feed than usual well into July.

#### Western dairy pastures above average on July 1

In the Western Region, dairy pasture condition on July 1 was 7 points above a year earlier and 3 points above the 10-year average. Pastures are much better than July 1 a year ago in Montana, Wyoming, Utah, Nevada and Arizona, partly offset by poorer condition in Colorado and New Mexico. June rainfall was light in the Northwest and non-irrigated pastures were drying up toward the end of the month.

# PASTURE FEED CONDITIONS\*

July 1, 1962



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

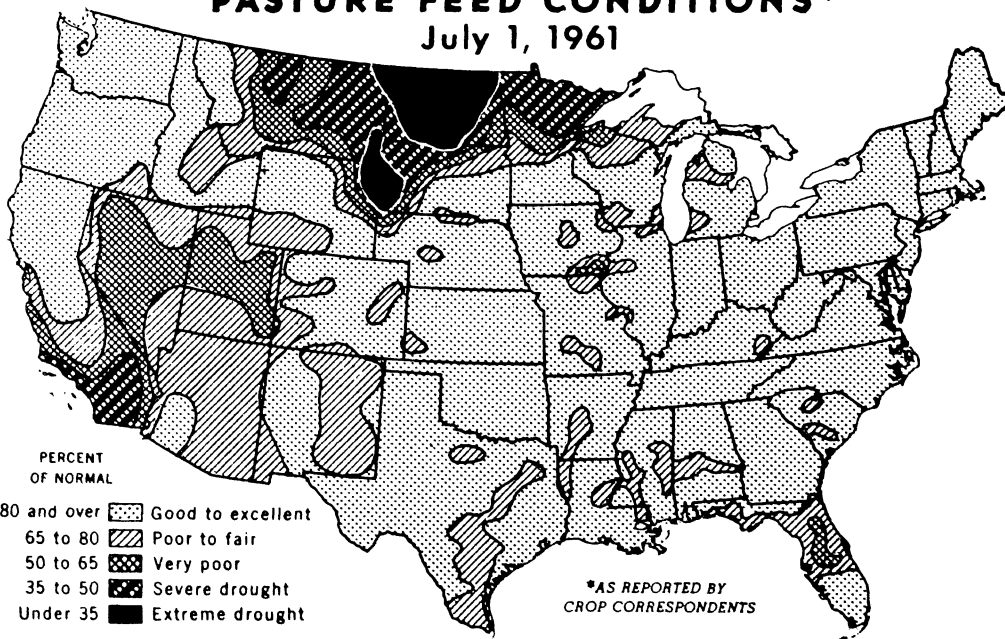
\*INDICATES CURRENT SUPPLY OF PASTURE FEED FOR GRAZING RELATIVE TO THAT EXPECTED FROM EXISTING STANDS UNDER VERY FAVORABLE WEATHER CONDITIONS

U. S. DEPARTMENT OF AGRICULTURE

NEG. SRS 42-62 (7) STATISTICAL REPORTING SERVICE

# PASTURE FEED CONDITIONS\*

July 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

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U. S. DEPARTMENT OF AGRICULTURE

NEG. SRS 7-61 (7) STATISTICAL REPORTING SERVICE

Table 5.-Milk produced per milk cow and percent of milk cows milked in herds kept by reporters, July 1, 1962, with comparisons 1/

State and division	Milk produced per milk cow <u>2/</u>			Percent of milk cows milked		
	July 1, av. 1951-60	July 1, 1961	July 1, 1962	July 1, av. 1951-60	July 1, 1961	July 1, 1962
	Pounds	Pounds	Pounds	Percent	Percent	Percent
Me. ....	23.5	26.7	28.0	82.8	82.2	84.0
N. H. ....	23.2	26.8	27.4	83.0	85.0	85.3
Vt. ....	23.1	24.4	25.6	86.7	84.7	85.7
Mass. ....	23.4	27.2	26.0	81.6	83.2	82.0
Conn. ....	23.1	27.5	27.0	80.9	79.0	78.0
N. Y. ....	26.3	27.9	28.0	85.9	84.8	85.1
N. J. ....	23.4	26.7	26.6	80.1	81.0	79.7
Pa. ....	24.0	27.6	27.0	83.5	81.8	83.0
N. Atl. ....	24.48	27.10	27.28	83.5	83.3	83.3
Ohio.....	23.6	26.6	26.4	80.1	80.6	81.6
Ind. ....	22.4	25.0	25.2	78.8	81.9	79.0
Ill. ....	22.4	25.3	24.8	75.8	79.9	78.6
Mich. ....	26.2	27.7	28.7	85.8	82.5	84.6
Wis. ....	26.5	27.9	27.4	88.9	86.9	87.2
E. N. Cent. ....	25.15	27.03	26.92	84.5	83.8	83.9
Minn. ....	25.4	27.7	26.8	86.8	88.3	86.9
Iowa.....	23.3	26.4	26.4	76.7	78.4	78.8
Mo. ....	17.4	19.3	19.5	69.8	71.2	70.7
N. Dak. ....	22.1	23.5	26.3	76.2	78.6	80.7
S. Dak. ....	20.4	23.8	22.9	73.1	77.5	75.2
Nebr. ....	21.4	22.4	22.6	74.9	74.0	72.4
Kans. ....	18.6	21.5	20.8	70.3	73.0	70.9
W. N. Cent. ....	21.62	24.50	24.25	76.6	79.5	78.3
Md. ....	20.3	22.8	21.9	75.4	77.6	79.7
Va. ....	18.4	23.0	23.0	71.9	74.5	74.6
W. Va. ....	17.0	19.4	19.6	72.4	70.5	70.1
N. C. ....	16.3	18.7	19.2	72.2	72.3	71.2
S. C. ....	13.0	14.0	14.4	67.3	65.6	65.0
Ga. ....	11.5	14.9	13.3	58.6	62.1	60.0
S. Atl. ....	16.11	19.75	19.77	69.9	73.0	75.2
Ky. ....	16.2	19.1	19.3	69.7	69.2	68.9
Tenn. ....	14.4	15.9	16.1	70.1	69.4	67.8
Ala. ....	10.0	10.2	10.4	55.7	53.0	53.0
Miss. ....	9.5	10.7	10.3	60.3	62.0	57.3
Ark. ....	12.1	14.8	15.2	61.8	62.5	63.2
La. ....	8.0	10.7	11.5	48.2	53.4	52.8
Okla. ....	13.8	18.3	17.6	62.7	68.1	67.1
Tex. ....	10.6	12.4	12.2	55.8	55.0	53.5
S. Cent. ....	12.66	14.64	15.48	62.4	61.7	63.5
Mont. ....	21.9	23.3	24.0	73.2	75.0	75.3
Idaho.....	25.4	28.0	26.7	82.5	83.9	81.4
Wyo. ....	22.5	24.1	24.4	73.3	70.1	71.0
Colo. ....	20.8	22.1	22.4	74.6	75.3	75.5
Utah.....	24.4	27.4	27.9	79.2	82.0	80.4
Wash. ....	24.8	27.4	28.0	82.2	81.3	81.4
Oreg. ....	23.5	25.9	26.2	81.7	83.6	81.0
Calif. ....	26.4	31.5	30.0	81.3	83.8	82.3
West. ....	24.39	27.44	28.63	80.2	80.8	80.8
U. S. ....	21.01	23.84	24.09	76.7	77.9	78.5

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, July 1, 1962, with comparisons 1/

[Percent]

State and division	July 1, av. 1951-60	July 1, 1960	July 1, 1961	July 1, 1962
Me. ....	92	94	92	86
N. H. ....	89	97	92	82
Vt. ....	90	93	93	82
Mass. ....	88	92	88	83
R. I. ....	85	90	91	85
Conn. ....	84	89	93	77
N. Y. ....	87	93	94	66
N. J. ....	76	73	86	59
Pa. ....	84	90	90	61
N. Atl. ....	86	91	92	69
Ohio ....	90	91	92	70
Ind. ....	92	96	90	87
Ill. ....	88	95	86	88
Mich. ....	90	97	85	87
Wis. ....	90	94	82	94
E. N. Cent. ....	90	94	86	87
Minn. ....	90	96	72	97
Iowa....	90	99	85	95
Mo. ....	79	87	87	81
N. Dak. ....	80	93	31	96
S. Dak. ....	82	92	79	96
Nebr. ....	86	94	90	94
Kans. ....	78	93	91	90
W. N. Cent. ....	85	94	78	93
Del. ....	78	82	96	77
Md. ....	80	87	94	75
Va. ....	82	85	96	95
W. Va. ....	86	88	94	79
N. C. ....	78	81	91	85
S. C. ....	70	70	85	79
Ga. ....	75	71	89	75
Fla. ....	80	84	79	81
S. Atl. ....	79	81	92	82
Ky. ....	86	86	93	91
Tenn. ....	81	80	92	80
Ala. ....	76	70	88	74
Miss. ....	77	64	83	81
Ark. ....	77	78	86	72
La. ....	72	52	84	81
Okla. ....	76	88	90	88
Tex. ....	68	68	84	79
S. Cent. ....	76	76	88	82
Mont. ....	83	81	53	92
Idaho....	92	86	85	93
Wyo. ....	80	67	77	96
Colo. ....	74	84	86	82
N. Mex. ....	63	77	74	62
Ariz. ....	79	86	76	91
Utah....	82	74	63	87
Nev. ....	84	68	66	95
Wash. ....	88	89	89	88
Oreg. ....	91	93	90	90
Calif. ....	81	77	77	82
West. ....	83	82	79	86
U. S. ....	85	89	85	84

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.