

# MILK PRODUCTION

July 12, 1965

## SUMMARY

United States milk production for June is estimated at 11,863 million pounds, slightly above a year earlier and about the same as the 1959-63 average for the month. On a daily basis, milk production declined about one-half of one percent from May, compared with a 1.3 percent decline a year earlier. June production was equivalent to 2.03 pounds per person daily, compared with 2.05 pounds a year earlier. Output per cow in June averaged 25.2 pounds daily, unchanged from May but 3 percent above June 1964.

Pasture feed was better than usual in most areas of the country on July 1. For the United States, reported condition of dairy pastures on July 1 averaged 81 percent of normal for the date, 3 points higher than a year earlier. Ample rainfall in the Plains States and the Southeast stimulated rapid pasture growth during June, while pastures in the Northeast were drying up.

Table 1.-Milk per cow and milk production by months, United States, 1965, with comparisons

Month	Milk per cow			Milk production			
	Average 1959-63	1964	1965	Average 1959-63	1964	1965	Change from 1964
	Pounds	Pounds	Pounds	Million Pounds	Million Pounds	Million Pounds	Percent
January.....	569	625	652	9,937	10,148	10,342	+1.9
February.....	543	613	618	9,474	9,937	9,796	-1.4
March.....	622	686	706	10,832	11,099	11,155	+0.5
April.....	641	705	724	11,125	11,383	11,416	+0.3
May.....	710	767	781	12,314	12,356	12,300	-0.5
June.....	685	735	756	11,857	11,820	11,863	+0.4
July.....	629	678		10,869	10,874		
August.....	586	639		10,107	10,235		
September.....	552	603		9,490	9,636		
October.....	555	608		9,536	9,700		
November.....	532	591		9,121	9,419		
December.....	564	628		9,651	9,991		
Annual.....	7,192	7,880		124,313	126,598		

Table 2.-Monthly milk per cow and milk production  
June 1965, with comparisons

State	Monthly milk per cow <sup>1/</sup>			Milk production			
	June av. <sup>2/</sup> 1959-63	June 1964	June 1965	June av. <sup>2/</sup> 1959-63	June 1964	June 1965	Change from 1964
	Pounds	Pounds	Pounds	Million pounds	Million pounds	Million pounds	Percent
Maine.....	-	840	850	-	73	71	- 3
New Hampshire.....	-	800	820	-	35	35	0
Vermont.....	-	805	830	-	194	195	+ 1
Massachusetts.....	-	845	885	-	70	71	+ 1
Rhode Island.....	-	825	875	-	9.2	9.2	0
Connecticut.....	-	810	835	-	60	60	0
New York.....	805	857	875	1,000	1,027	1,028	0
New Jersey.....	785	830	840	99	93	90	- 3
Pennsylvania.....	723	775	790	632	636	628	- 1
Ohio.....	735	812	815	489	487	465	- 5
Indiana.....	743	810	800	313	313	300	- 4
Illinois.....	736	810	855	408	388	386	- 1
Michigan.....	786	830	840	502	514	517	+ 1
Wisconsin.....	847	880	890	1,814	1,861	1,882	+ 1
Minnesota.....	797	835	860	1,013	1,056	1,088	+ 3
Iowa.....	720	760	750	603	593	572	- 4
Missouri.....	582	620	660	377	356	364	+ 2
North Dakota.....	691	705	750	188	173	176	+ 2
South Dakota.....	606	610	650	148	142	151	+ 6
Nebraska.....	623	630	655	196	175	177	+ 1
Kansas.....	534	565	600	174	161	164	+ 2
Delaware.....	-	665	655	-	15.3	14.4	- 6
Maryland.....	602	620	630	130	129	127	- 2
Virginia.....	550	560	600	180	164	168	+ 2
West Virginia.....	489	485	492	61	52	51	- 2
North Carolina.....	516	545	590	137	132	137	+ 4
South Carolina.....	396	440	450	42	41	40	- 2
Georgia.....	415	450	490	87	81	84	+ 4
Florida.....	554	610	620	103	108	109	+ 1
Kentucky.....	513	580	610	255	265	270	+ 2
Tennessee.....	457	470	495	223	215	224	+ 4
Alabama.....	373	400	425	88	82	84	+ 2
Mississippi.....	339	360	400	118	103	107	+ 4
Arkansas.....	431	465	520	91	82	86	+ 5
Louisiana.....	-	350	380	-	74	78	+ 5
Oklahoma.....	537	585	610	131	117	116	- 1
Texas.....	459	515	552	257	252	255	+ 1
Montana.....	615	630	630	47	43	42	- 2
Idaho.....	796	795	800	159	148	144	- 3
Wyoming.....	668	710	712	19.5	18.8	18.5	- 2
Colorado.....	635	675	700	76	72	76	+ 6
New Mexico.....	-	600	625	-	24	25	+ 4
Arizona.....	-	850	830	-	44	44	0
Utah.....	722	755	800	68	65	68	+ 5
Nevada.....	671	765	850	10.2	11.1	11.9	+ 7
Washington.....	829	910	890	192	197	192	- 3
Oregon.....	755	775	790	118	106	105	- 1
California.....	875	947	945	710	749	743	- 1
Alaska.....	-	825	810	-	2.06	1.78	- 14
Hawaii.....	-	815	845	-	11.3	12.7	+ 12
United States.....	685	735	756	11,857	11,820	11,863	+ 0.4

<sup>1/</sup> Monthly rate based on all milk cows on farms (in milk or dry).

<sup>2/</sup> Five-year averages not available for States where not shown.

### Milk production up slightly from 1964

United States milk output for June is estimated at 11,863 million pounds, slightly above the 11,820 million pounds produced a year earlier and about the same as the 1959-63 average for the month. On a daily basis, milk production was down from May about one-half of one percent, compared with a 1.3 percent decline a year earlier. The smaller seasonal decline this year was no doubt due partly to the later-than-usual peak utilization of pastures, particularly in North Central and North Atlantic States. June production was equivalent to 2.03 pounds per person daily, compared with 2.05 pounds a year earlier. Of the 10 leading States in June milk production, Wisconsin and Minnesota were at new record highs and Illinois and Iowa were at new record lows.

### Milk production per cow up 3 percent

June milk production per cow at 756 pounds was 3 percent more than the 735 pound output a year earlier. The 1959-63 average for the month is 685 pounds. On a daily basis, output per cow averaged 25.2 pounds per day during June, unchanged from May. Output per cow increased sharply from June last year in the West North Central and South Central States where pastures were much better than a year earlier. Output per cow during June was at a record level in all but 9 States. With 945 pounds produced per cow, California led all States, followed by Washington and Wisconsin each with 890 pounds.

### Milk-feed price ratio up 2 percent

The milk-feed price ratio for June at 1.27 was up 2 percent from 1.25 for June last year. The ratio dropped 1 percent from May which is the usual seasonal decline. The 1959-63 average for June is 1.28. Higher wholesale milk prices with stable ration values resulted in a more favorable ratio than in June 1964. In areas producing farm-separated cream, the milkfat-feed price ratio was 22.3 compared with 23.1 a year earlier and 24.3, the June average.

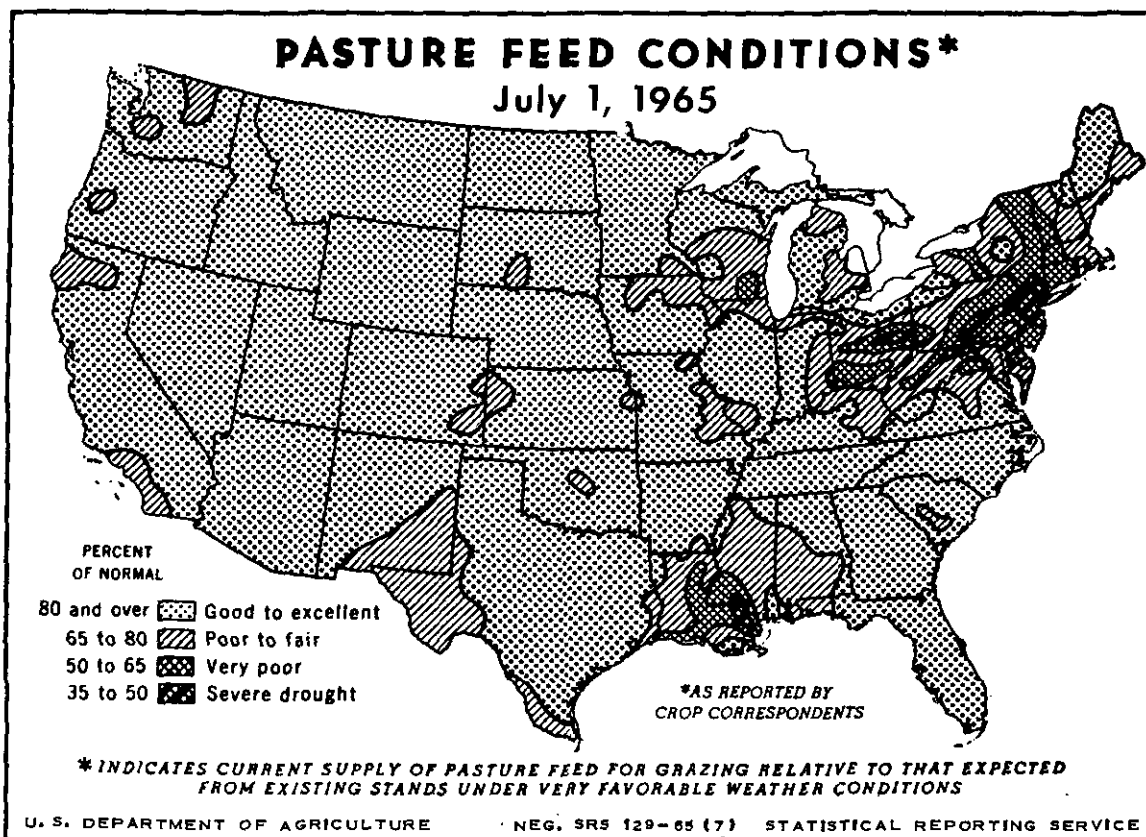
### Pasture feed good on July 1 except for dry Northeast

Pasture feed was better than usual in most areas of the country on July 1. An important exception was a dry area extending from Ohio, West Virginia, and Maryland northeastward through New England. For the United States, reported condition of dairy pastures on July 1 averaged 81 percent of normal, 3 points higher than a year earlier. Ample rainfall in the Plains States and the Southeast stimulated rapid pasture growth during June, while pastures in the Northeast were drying up. Relatively cool temperatures during June helped to keep pastures alive in the dry areas but growth was very short.

In most of the Northeast, the 1965 pasture season through June was a continuation of a dry period which began about 3 years ago. Reported pasture condition declined during June in each of the North Atlantic States and on July 1 was 12 to 24 points below the 1959-63 average for the date in each State.

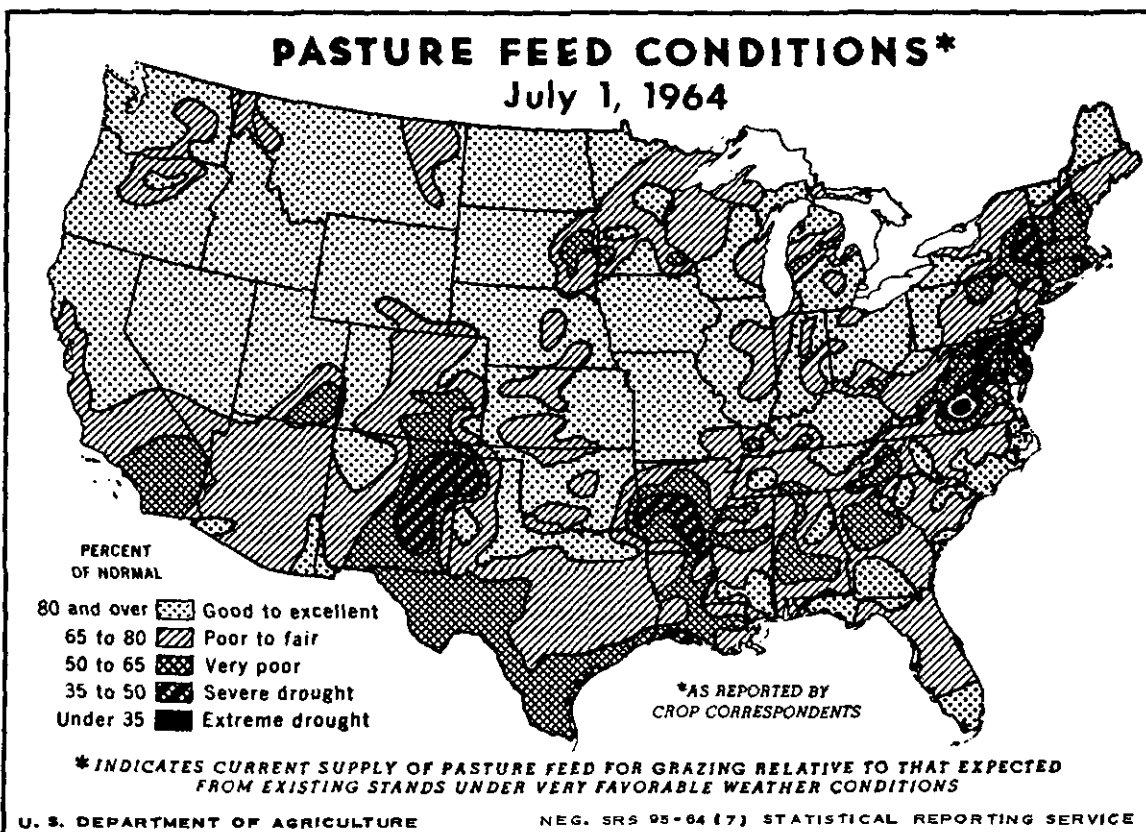
## PASTURE FEED CONDITIONS\*

July 1, 1965



## PASTURE FEED CONDITIONS\*

July 1, 1964



(Continued from page 3)

In New Jersey, pasture condition was reported at 47 percent of normal on July 1, the same percentage for the date as in 1957. Heavy supplemental feeding of green-chop, silage, and hay was necessary in many Northeastern areas.

The dry area in the Northeast expanded southward during June into Delaware, Maryland, West Virginia, and northern Virginia. However, July 1 pasture condition was reported above a year earlier in all of these States except West Virginia. A week of rainy weather around mid-June soaked the South Atlantic States from southern Virginia southward through Florida. These rains provided ample soil moisture for good pasture growth in this area in the last half of June.

Ohio rainfall continued very light through June and reported pasture condition declined 15 points during the month to the lowest July 1 level since 1936. Pasture growth was also slowed by lack of June rainfall in Indiana, Illinois and southern Wisconsin. On July 1, pastures were the best in several years in most of the West North Central States. Heavy rains at mid-June practically eliminated the drought situation in western areas of Kansas and Nebraska.

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Table 3.-Dairy pasture feed condition, as percentage of normal, July 1, 1965, with comparisons 1/

State and division	July 1, av. 1959-63	July 1, 1964	July 1, 1965	State and division	July 1, av. 1959-63	July 1, 1964	July 1, 1965
	Percent	Percent	Percent		Percent	Percent	Percent
Me. ....	88	73	76	N. C. ....	83	72	90
N. H. ....	88	58	68	S. C. ....	78	75	84
Vt. ....	89	74	67	Ga. ....	81	68	87
Mass. ....	87	55	63	Fla. ....	83	73	82
R. I. ....	88	63	70	S. Atl. ..	81	67	82
Conn. ....	86	64	63	Ky. ....	88	79	83
N. Y. ....	84	70	68	Tenn. ....	85	72	90
N. J. ....	69	55	47	Ala. ....	79	68	78
Pa. ....	80	74	65	Miss. ....	75	69	70
N. Atl. ....	83	69	66	Ark. ....	79	62	90
Ohio.....	83	85	69	La. ....	72	64	71
Ind. ....	88	83	80	Okla. ....	86	82	92
Ill. ....	85	81	84	Tex. ....	77	68	85
Mich. ....	88	81	83	S. Cent. .	81	72	84
Wis. ....	87	76	79	Mont. ....	80	93	95
E. N. Cent. .	86	80	79	Idaho.....	90	93	92
Minn. ....	87	78	92	Wyo. ....	81	88	89
Iowa.....	89	92	85	Colo. ....	76	74	88
Mo. ....	82	86	85	N. Mex. ....	70	56	83
N. Dak. ....	76	86	95	Ariz. ....	82	79	88
S. Dak. ....	82	74	94	Utah.....	77	90	89
Nebr. ....	88	84	91	Nev. ....	79	94	91
Kans. ....	86	83	94	Wash. ....	89	89	85
W. N. Cent. .	86	84	90	Oreg. ....	91	88	87
Del. ....	76	49	69	Calif. ....	78	79	86
Md. ....	80	56	66	West. ....	82	84	88
Va. ....	79	61	86	U. S. ....	84	78	81
W. Va. ....	83	74	72				

1/ Indicates current supply of feed for grazing relative to that expected from existing stands under very favorable weather conditions. U.S. averages may differ from those published in Crop Production in that States are combined with dairy rather than all livestock weights.

(Continued from page 5)

Pasture feed was better than usual for July 1 in most of the South Central States, except for dry areas in Kentucky, Mississippi, and Louisiana. Reported condition on July 1 was the highest for the date in 6 years or more in Arkansas, Oklahoma, and Texas.

In the West, July 1 pasture condition was reported better than usual for the date in all States except Washington and Oregon, where short soil moisture and cool nights slowed growth in June. Heavy rains in eastern Colorado and northern New Mexico around mid-June stimulated good growth of pastures and ranges which had been damaged by many months of drought. In California, livestock were moved to higher summer ranges during June. Dry grass on lower elevation ranges is heavier than usual, increasing the fire hazard.

Table 4.-Average milk price received by farmers and value of concentrate ration fed to milk cows, by regions, June 1965, with comparisons

Region	Milk price per 100 pounds				Ration value per 100 pounds			
	June av. 1959-63	June 1964	May 1965	June 1965	June av. 1959-63	June 1964	May 1965	June 1965
	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.
N. Atl. ....	4.10	4.05	4.12	4.08	3.54	3.55	3.54	3.50
E. N. Cent. ..	3.42	3.44	3.62	3.57	2.69	2.80	2.82	2.83
W. N. Cent. ..	3.21	3.23	3.35	3.31	2.33	2.46	2.56	2.58
S. Atl. ....	5.09	5.15	5.12	5.11	3.34	3.40	3.40	3.38
S. Cent. ....	4.17	4.26	4.26	4.23	3.07	3.14	3.12	3.10
West. ....	4.05	4.12	4.19	4.17	3.17	3.20	3.18	3.20
U. S.								
Milk areas....	3.77	3.79	-	3.85	2.95	3.03	3.03	3.03
Cream areas...	-	-	-	-	2.45	2.53	2.62	2.64
Milk and cream areas.....	-	-	-	-	2.92	3.01	3.02	3.02

Table 5.-Milk-feed and milkfat-feed price ratios, by regions, June 1965, with comparisons

Region	Milk-feed ratio 1/				Milkfat-feed ratio 2/			
	June av. 1959-63	June 1964	May 1965	June 1965	June av. 1959-63	June 1964	May 1965	June 1965
N. Atl. ....	1.16	1.14	1.16	1.17	-	-	-	-
E. N. Cent. ..	1.27	1.23	1.28	1.26	20.5	19.8	20.0	19.9
W. N. Cent. ..	1.38	1.31	1.31	1.28	26.1	24.1	23.4	23.2
S. Atl. ....	1.53	1.51	1.51	1.51	-	-	-	-
S. Cent. ....	1.36	1.36	1.37	1.36	16.5	16.3	16.5	16.7
West. ....	1.28	1.29	1.32	1.30	18.3	17.9	18.2	17.9
U. S. ....	1.28	1.25	1.28	1.27	24.3	23.1	22.5	22.3

1/ Pounds of concentrate ration equal in value to 1 pound of whole milk sold by farmers.

2/ Pounds of concentrate ration equal in value to 1 pound of milkfat in cream sold by farmers.



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