

MILK PRODUCTION

July 11, 1968

June milk production 1 percent below last year

U. S. milk production in June is estimated at 10,955 million pounds, 1 percent less than a year earlier and 6 percent below the 1962-66 average for the month. Production for the month was smallest since 1937, because of a continued decline in cow numbers and a trend toward lower seasonal peaks in production. Daily average production for June was about the same as May. In 1967, June daily average milk production was the same as May. However, the average decrease from May to June is 1 percent. Total milk production during the first half of 1968 was 1.7 percent less than a year earlier. June production provided 1.82 pounds of milk per person daily, for all uses, compared with 1.81 pounds in May and 1.86 pounds a year earlier.

Milk production was down from a year earlier in the North and South Atlantic States except in Virginia where it rose 3 percent and in Georgia, where it was up 2 percent. In the North Central Region, production was up in Wisconsin, South Dakota, and Minnesota but down elsewhere. Kentucky and Oklahoma reported 3-percent production gains, but all other South Central States had less milk production than a year earlier. In the West, production was mixed -- 5 States reported increases from a year earlier, 3 were unchanged, but 3 States reported decreases.

Table 1.--Milk per cow and milk production by months, United States, 1968, with comparisons

Month	Milk per cow			Milk production			
	Average : 1962-66	1967	1968	Average : 1962-66	1967	1968	Change from 1967
	Pounds	Pounds	Pounds	Million Pounds	Million Pounds	Million Pounds	Percent
January	644	716	724	10,196	9,847	9,608	-2.4
February	611	671	699	9,636	9,203	9,249	+0.5
March	698	769	778	10,968	10,517	10,269	-2.4
April	713	788	795	11,175	10,734	10,460	-2.6
May	778	844	859	12,143	11,470	11,283	-1.6
June	750	820	836	11,658	11,095	10,955	-1.3
Jan.-June Total	---	---	---	65,776	62,866	61,824	-1.7
July	692	764		10,714	10,315		
August	651	722		10,047	9,709		
September	614	680		9,446	9,124		
October	623	685		9,547	9,167		
November	603	661		9,208	8,814		
December	641	699		9,759	9,299		
Annual	8,021	8,821		124,497	119,294		

June milk output per cow 2 percent above a year earlier

Milk output per cow averaged 836 pounds during June, 2 percent more than a year earlier and 11 percent above average for the month. Daily output per cow in June averaged 27.9 pounds compared with 27.7 pounds in May and 27.3 pounds a year earlier. Production per cow set record highs for June in 44 States. Highest output per cow was in California at 985 pounds; followed by Wisconsin, 960 pounds; Minnesota, 940 pounds; and Washington, 935 pounds.

Dairy pastures continue good through June

Reported dairy pasture condition at 89 percent of normal on July 1 was 8 percentage points above average. This year pasture condition held up better than usual from June 1 to July 1 -- particularly east of the Mississippi. Usually, States east of the Mississippi show declines in pasture condition in June, while those west of the Mississippi show gains.

Pastures were in good to excellent condition on July 1 in all of the North and South Atlantic States except Florida where condition was 75 percent of normal -- 5 percentage points above a month earlier but 7 points below average. Rain is needed -- particularly in the northern and western parts of the State.

In the North Central States, pasture condition was good to excellent except in several areas of Nebraska where precipitation has been below normal. Nebraska pasture condition, at 72 percent of normal on July 1, was 8 percentage points below June 1 and 21 points below a year earlier. Pastures were in particularly good shape in the East North Central States, with July 1 condition ranging from 92 percent in Illinois and Michigan to 95 percent in Ohio.

Pastures deteriorated in most States of the South Central Region from June 1 to July 1. The exceptions were Oklahoma where pastures improved slightly during the month, and Louisiana where condition was unchanged from June 1. Declines in pasture condition were pronounced in Alabama and Mississippi where moisture has been short.

In the West, pastures were in good to excellent condition in most States. Exceptions were Colorado, Nevada, California, and New Mexico where condition ranged from very poor to fair. In New Mexico, condition was reported at 62 percent of normal -- down 15 points from a month earlier, 7 points below a year earlier, and the lowest in the Nation. Recent moisture helped improve pasture conditions in the Northwest.

June milk-feed price ratio 10 percent above a year earlier

The June milk-feed price ratio of 1.58 was 10 percent above a year earlier, 22 percent above the 1962-66 average and the highest ratio of record for the month. Higher milk prices and lower ration values contributed to the improvement over a year earlier. The milkfat-feed price ratio for farm separated cream was 25.0 in June, slightly above a month earlier and 5 percent above a year earlier.

Table 2.--Monthly milk per cow and milk production
June 1968, with comparisons

State	Monthly milk per cow ^{1/}			Milk production			
	June av. 1962-66	June 1967	June 1968	June av. 1962-66	June 1967	June 1968	Change from 1967
	Pounds	Pounds	Pounds	Million pounds	Million pounds	Million pounds	Percent
Maine.....	755	805	810	63	59	58	-2
New Hampshire.....	781	825	830	36	35	34	-3
Vermont.....	799	845	860	192	183	182	-1
Massachusetts.....	824	890	895	69	66	62	-6
Rhode Island.....	829	885	900	9.2	7.9	7.3	-8
Connecticut.....	793	855	855	60	59	58	-2
New York.....	857	920	930	1,018	984	967	-2
New Jersey.....	823	880	885	90	76	69	-9
Pennsylvania.....	778	835	810	644	618	592	-4
Ohio.....	817	860	880	476	427	418	-2
Indiana.....	799	845	860	279	230	213	-7
Illinois.....	814	840	875	372	302	291	-4
Michigan.....	816	835	855	489	414	398	-4
Wisconsin.....	888	945	960	1,862	1,827	1,842	+1
Minnesota.....	838	915	940	1,037	1,002	1,003	0
Iowa.....	795	870	880	599	539	517	-4
Missouri.....	704	815	830	356	324	318	-2
North Dakota.....	728	770	830	173	133	127	-5
South Dakota.....	689	755	800	159	159	164	+3
Nebraska.....	680	715	735	183	161	157	-2
Kansas.....	600	695	710	158	154	149	-3
Delaware.....	707	745	730	14.1	11.9	11.7	-2
Maryland.....	660	735	730	128	128	126	-2
Virginia.....	596	665	710	164	160	165	+3
West Virginia.....	505	550	565	48	40	38	-5
North Carolina.....	565	625	635	128	125	124	-1
South Carolina.....	472	570	590	41	43	42	-2
Georgia.....	480	590	630	81	85	87	+2
Florida.....	620	720	710	110	131	129	-2
Kentucky.....	584	645	680	260	245	253	+3
Tennessee.....	517	590	610	210	206	201	-2
Alabama.....	363	440	455	66	66	65	-2
Mississippi.....	371	440	455	104	98	93	-5
Arkansas.....	503	625	675	76	68	67	-1
Louisiana.....	355	430	435	75	81	79	-2
Oklahoma.....	614	730	770	120	116	119	+3
Texas.....	537	685	700	250	263	260	-1
Montana.....	680	740	780	41	36	37	+3
Idaho.....	830	890	895	149	139	135	-3
Wyoming.....	703	740	745	17.1	15.2	15.3	+1
Colorado.....	700	745	755	75	73	73	0
New Mexico.....	618	660	685	24	25	26	+4
Arizona.....	831	865	875	43	44	45	+2
Utah.....	792	860	880	66	66	65	-2
Nevada.....	782	880	870	11.1	11.8	11.8	0
Washington.....	865	935	935	179	181	178	-2
Oregon.....	766	850	880	103	100	100	0
California.....	934	980	985	737	764	770	+1
Alaska.....	782	840	845	1.92	1.60	1.52	-5
Hawaii.....	782	845	825	11.3	12.1	11.2	-7
United States.....	750	820	836	11,658	11,095	10,955	-1.3

^{1/} Monthly rate based on all milk cows on farms (in milk or dry).

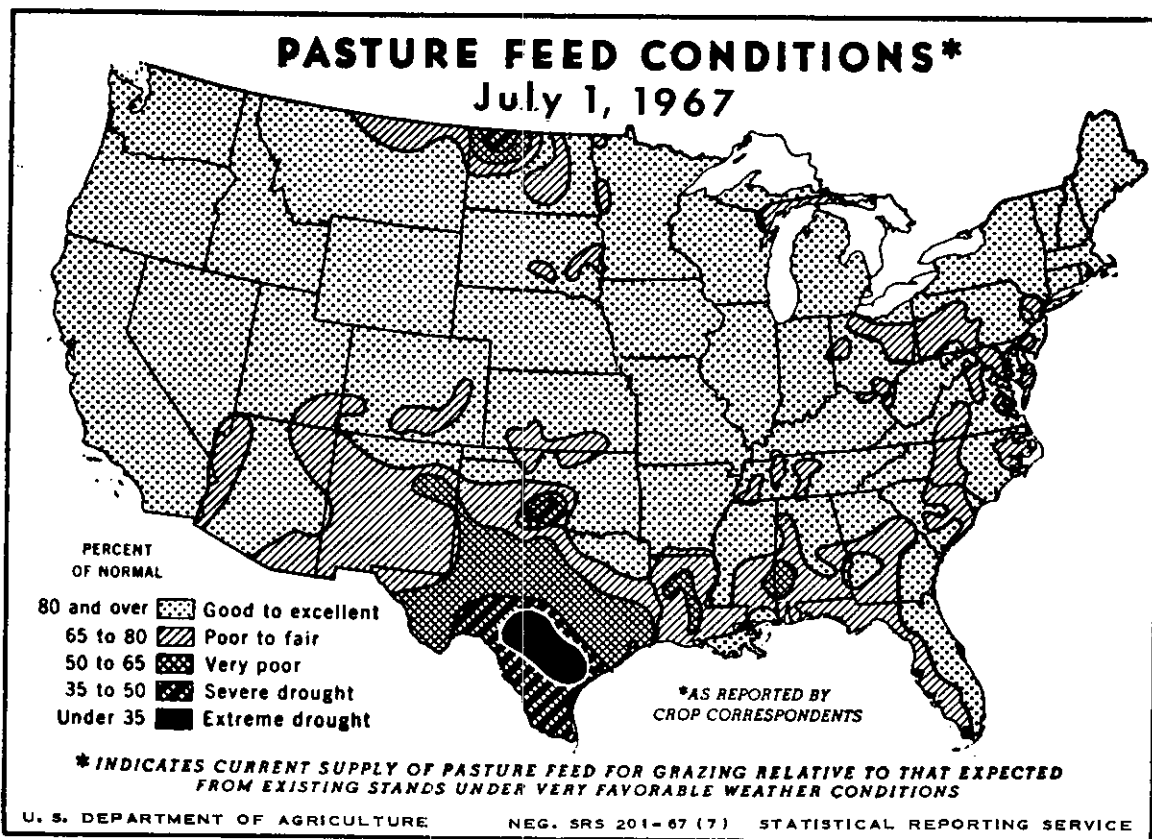
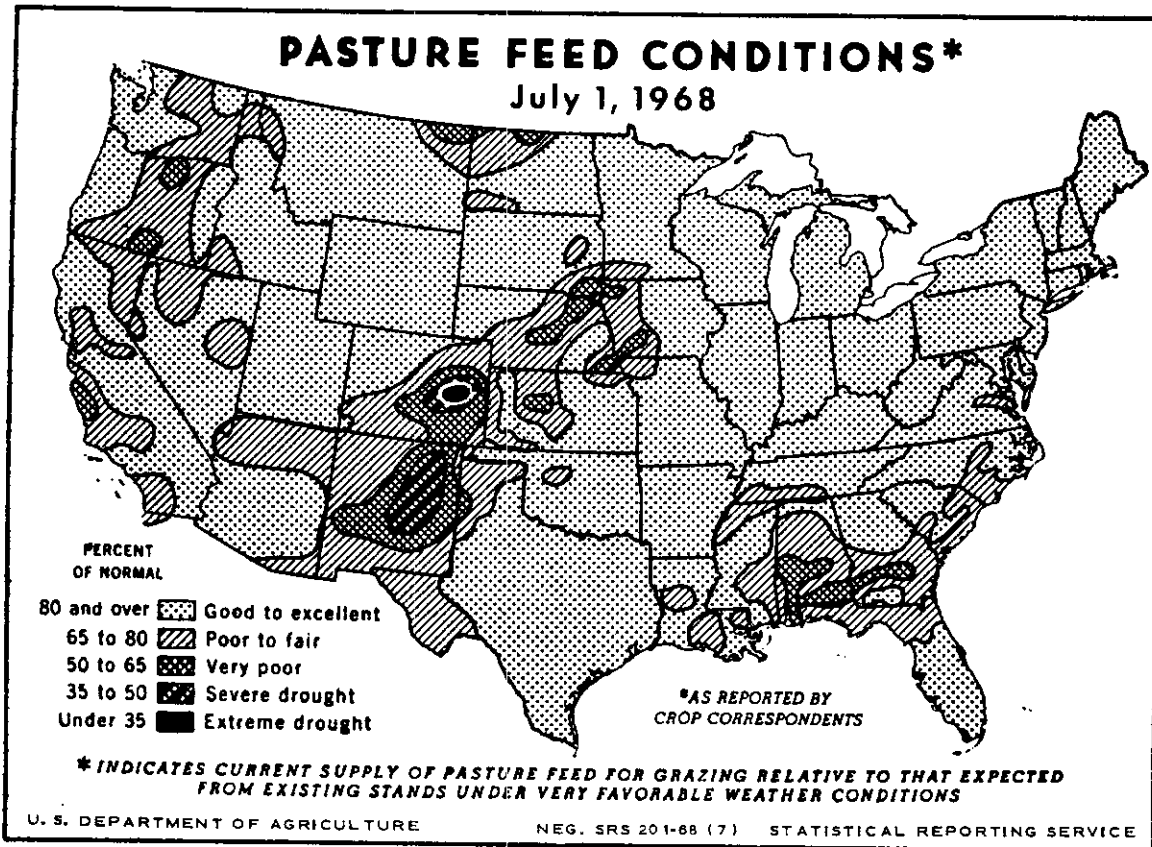


Table 3.--Dairy pasture feed condition, as percentage of normal, July 1, 1968, with comparisons ^{1/}

State and division	July 1, av. 1962-66	July 1, 1967	July 1, 1968	State and division	July 1, av. 1962-66	July 1, 1967	July 1, 1968
	Percent	Percent	Percent		Percent	Percent	Percent
Me.	82	93	93	N. C.	83	84	89
N. H.	76	98	93	S. C.	81	82	85
Vt.	81	94	93	Ga.	81	82	80
Mass.	75	94	92	Fla.	82	74	75
R. I.	79	95	90	S. Atl. ..	76	82	89
Conn.	74	95	92	Ky.	84	91	94
N. Y.	75	92	94	Tenn.	81	84	87
N. J.	56	79	87	Ala.	75	79	71
Pa.	70	81	93	Miss.	71	82	80
N. Atl.	73	89	93	Ark.	71	87	89
Ohio.....	76	82	95	La.	70	72	84
Ind.	83	88	94	Okla.	79	83	91
Ill.	83	94	92	Tex.	76	63	89
Mich.	84	94	92	S. Cent. .	77	79	87
Wis.	84	92	93	Mont.	89	95	86
E. N. Cent. .	82	90	93	Idaho.....	90	97	92
Minn.	89	91	91	Wyo.	84	101	89
Iowa.....	88	91	86	Colo.	72	94	69
Mo.	82	93	87	N. Mex.	68	69	62
N. Dak.	91	80	86	Ariz.	84	74	82
S. Dak.	83	87	82	Utah.....	85	95	90
Nebr.	84	93	72	Nev.	91	93	79
Kans.	80	88	83	Wash.	88	92	88
W. N. Cent. .	86	90	86	Oreg.	87	93	88
Del.	69	80	89	Calif.	82	92	77
Md.	68	79	90	West.	84	92	82
Va.	74	82	95	U. S.	81	88	89
W. Va.	71	85	94				

^{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.

Table 4.--Average milk price received by farmers and value of concentrate ration fed to milk cows, by regions, June 1968, with comparisons

Region	Milk price per 100 pounds				Ration value per 100 pounds			
	June av. 1962-66	June 1967	May 1968	June 1968	June av. 1962-66	June 1967	May 1968	June 1968
	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.
N. Atl.	4.15	4.92	5.33	5.30	3.56	3.78	3.64	3.63
E. N. Cent. ..	3.59	4.44	4.78	4.73	2.80	3.05	2.95	2.94
W. N. Cent. ..	3.35	4.12	4.35	4.31	2.49	2.70	2.59	2.58
S. Atl.	5.17	5.92	6.15	6.08	3.40	3.63	3.48	3.45
S. Cent.	4.33	5.15	5.50	5.45	3.14	3.40	3.29	3.27
West.	4.15	4.72	4.97	4.90	3.19	3.36	3.29	3.28
U. S.								
Milk areas....	3.89	4.67	4.99	4.93	3.03	3.26	3.14	3.12
Cream areas...	---	---	---	---	2.57	2.77	2.68	2.67
Milk and cream areas.....	---	---	---	---	3.01	3.25	3.13	3.12

Table 5.--Milk-feed and milkfat-feed price ratios, by regions, June 1968, with comparisons

Region	Milk-feed ratio <u>1</u> /				Milkfat-feed ratio <u>2</u> /			
	June av. 1962-66	June 1967	May 1968	June 1968	June av. 1962-66	June 1967	May 1968	June 1968
N. Atl.	1.17	1.30	1.46	1.46	---	---	---	---
E. N. Cent. ..	1.28	1.46	1.62	1.61	20.1	19.3	19.9	20.0
W. N. Cent. ..	1.34	1.53	1.68	1.67	24.8	24.9	26.4	26.5
S. Atl.	1.52	1.63	1.77	1.76	---	---	---	---
S. Cent.	1.38	1.51	1.67	1.67	16.6	16.3	16.7	16.8
West.	1.30	1.40	1.51	1.49	18.3	19.0	19.6	19.8
U. S.	1.29	1.43	1.59	1.58	23.6	23.7	24.9	25.0

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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