

MILK PRODUCTION

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December 12, 1960

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Production of milk in the United States totaled 9,039 million pounds in November. This was about 2 percent more than in the same month last year and 9 percent above the November 1949-58 average. Mild weather was generally favorable for milk production, and November output showed less than the usual seasonal decline from October. Relative to population, November production was sufficient to provide 1.67 pounds of milk per person daily -- approximately the same as for November last year and average. Output of milk in the first 11 months of 1960 totaled 116.1 billion pounds compared with 115.0 billion pounds produced during the January-November period a year ago.

In the 36 States where monthly estimates are available, milk production reached record highs for November in 11 States -- New York, New Jersey, Pennsylvania, Minnesota, Idaho, Washington, California, Virginia, West Virginia, North Carolina, and South Carolina. Conversely, November output was the lowest on record in 6 States -- Nebraska, Kansas, Texas, Oregon, Montana, and Wyoming. For November, Wisconsin was the leading milk producing State with 1,205 million pounds, followed by New York with 749 million, Minnesota with 685 million, California with 638 million, and Pennsylvania with 518 million pounds.

Table 1.-Monthly milk production on farms, United States, 1949-58 average, 1959 and 1960

Month	Monthly total				Daily average per capita		
	Average 1949-58	1959	1960	1960 1959	Average 1949-58	1959	1960
	Mil. pounds	Mil. pounds	Mil. pounds	Percent	Pounds	Pounds	Pounds
Jan.	8,909	9,854	9,862	100	1.79	1.81	1.78
Feb.	8,708	9,373	9,679	1/103	1.92	1.90	1.87
Mar.	10,189	10,734	10,862	101	2.05	1.97	1.96
Apr.	10,802	11,209	11,313	101	2.24	2.12	2.10
May.....	12,500	12,536	12,626	101	2.51	2.29	2.27
June.....	12,257	12,059	12,108	100	2.54	2.27	2.24
July.....	11,382	11,158	11,219	101	2.28	2.03	2.01
Aug.	10,466	10,243	10,330	101	2.09	1.86	1.85
Sept.	9,281	9,471	9,498	100	1.92	1.78	1.75
Oct.	8,939	9,476	9,545	101	1.78	1.72	1.70
Nov.	8,265	8,894	9,039	102	1.70	1.66	1.67
Dec.	8,682	9,389			1.72	1.70	
Year.....	120,380	124,396			2.04	1.93	

1/ Reflects extra day in February. On a daily average basis, percent is 99.7

Table 2.-Monthly milk production on farms, selected States, November 1960, with comparisons 1/
[In millions of pounds]

State	Nov. av. 1949-58	Nov. 1959	Oct. 1960	Nov. 1960	State	Nov. av. 1949-58	Nov. 1959	Oct. 1960	Nov. 1960
N. Y. ...	656	710	786	749	Ga.	90	100	101	99
N. J. ...	88	90	95	92	Ky.	167	172	211	177
Pa.	439	514	532	518	Tenn.	164	164	194	167
Ohio.....	397	405	444	410	Ala.	90	80	87	82
Ind.	258	261	276	251	Miss.	100	100	118	105
Ill.	354	330	339	316	Ark.	86	81	85	80
Mich. ...	386	413	431	401	Okla.	120	115	117	112
Wis.	1,041	1,183	1,229	1,205	Tex.	235	221	230	217
Minn. ...	552	658	600	685	Mont.	35	34	37	34
Iowa.....	404	394	434	396	Idaho.....	96	115	128	119
Mo.	268	250	289	253	Wyo.	15.0	13.7	14.5	13.1
N. Dak. .	95	96	110	100	Colo.	64	67	68	67
S. Dak. .	84	93	91	87	Utah.....	50	58	62	57
Nebr. ...	139	128	137	126	Wash.	126	142	156	148
Kans. ...	171	151	148	149	Oreg.	79	76	84	75
Md.	110	118	134	123	Calif. ...	513	635	662	638
Va.	151	164	189	168	Other				
W. Va. ...	60	62	68	63	States..	411	519	657	567
N. C. ...	127	135	150	141	U. S.	8,265	8,894	9,545	9,039
S. C. ...	44	46	52	49					

1/ Monthly data for other States not yet available.

Table 3.-Dairy product-feed price ratios, by regions, November 15, 1960, with comparisons

Region	Milk-feed 1/				Milkfat-feed 2/			
	Nov. 15, av. 1949-58	Nov. 15, 1959	Oct. 15, 1960	Nov. 15, 1960	Nov. 15, av. 1949-58	Nov. 15, 1959	Oct. 15, 1960	Nov. 15, 1960
N. Atl. .	1.47	1.60	1.52	1.54	-	-	-	-
E.N.C. .	1.44	1.55	1.55	1.61	21.4	21.3	21.0	21.3
W.N.C. .	1.53	1.72	1.70	1.73	25.8	29.0	28.0	28.5
S. Atl. .	1.64	1.73	1.67	1.69	-	-	-	-
S. Cent..	1.67	1.76	1.68	1.73	16.5	17.9	17.5	17.6
West. ...	1.41	1.47	1.44	1.49	19.1	19.3	18.7	18.7
U. S....	1.49	1.61	1.58	1.61	23.3	26.2	25.3	25.8

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, November 15, 1960, with comparisons

[In dollars]

Region	Nov. 15, av. 1949-58	Nov. 15, 1959	Sept. 15, 1960	Oct. 15, 1960	Nov. 15, 1960
N. Atl.	3.68	3.48	3.47	3.47	3.47
E. N. C.	2.86	2.61	2.70	2.65	2.62
W. N. C.	2.57	2.18	2.25	2.22	2.19
S. Atl.	3.60	3.30	3.37	3.33	3.32
S. Cent.	3.29	2.91	3.01	2.97	2.98
West.	3.37	3.18	3.13	3.15	3.16
U. S.					
Milk-selling areas..	3.17	2.87	2.92	2.89	2.88
Cream-selling areas.	2.76	2.34	2.41	2.38	2.35
Combined milk and cream areas.....	3.10	2.82	2.88	2.85	2.84

Table 5.-Milk produced per milk cow, percent of milk cows milked, and "grain" fed per milk cow in herds kept by reporters, December 1, 1960, with comparisons ^{1/}

State and division	Milk produced per milk cow ^{2/}			Percent of milk cows milked			"Grain" fed per milk cow ^{3/}		
	Dec. 1, av. 1949-58	Dec. 1, 1959	Dec. 1, 1960	Dec. 1, av. 1949-58	Dec. 1, 1959	Dec. 1, 1960	Dec. 1, av. 1949-58	Dec. 1, 1959	Dec. 1, 1960
	Pounds	Pounds	Pounds	Percent	Percent	Percent	Pounds	Pounds	Pounds
Me.	17.1	20.4	20.3	79.7	79.5	79.1	6.6	7.4	7.4
N. H.	18.9	21.5	20.8	79.3	80.4	78.0	6.0	7.0	7.2
Vt.	17.5	21.5	21.6	76.7	79.7	80.0	6.1	7.0	7.1
Mass.	20.0	22.3	22.0	79.6	80.3	77.5	6.5	7.8	7.9
Conn.	20.3	25.5	24.7	78.8	81.9	78.8	6.9	8.2	8.4
N. Y.	20.3	23.3	23.9	75.2	76.7	77.1	7.1	8.0	8.1
N.J.	21.6	24.2	24.3	77.6	78.3	77.6	8.0	8.8	9.4
Pa.	19.8	22.7	23.4	77.0	78.3	78.4	8.1	8.8	8.8
N. Atl.	19.79	22.62	23.06	76.5	77.9	77.6	7.1	8.0	8.1
Ohio.....	18.9	22.6	22.7	74.6	77.3	78.3	6.9	8.2	8.5
Ind.	17.0	20.2	20.3	71.3	75.3	73.0	6.6	7.3	7.8
Ill.	17.4	20.7	20.4	68.2	72.9	72.9	6.7	7.2	7.1
Mich.	20.4	24.9	24.9	78.4	80.6	80.9	7.0	8.0	8.6
Wis.	18.2	21.9	22.7	72.4	74.6	75.9	6.2	7.5	7.2
E. N. Cent.	18.51	22.30	22.54	72.8	76.0	76.6	6.6	7.6	7.7
Minn.	18.0	22.0	22.5	66.7	71.2	71.0	5.9	7.2	7.3
Iowa.	16.8	18.8	19.5	66.3	68.5	70.3	6.5	7.8	7.2
Mo.	12.6	14.8	14.9	64.4	67.4	68.8	5.5	7.2	7.4
N. Dak.	13.0	17.1	18.0	55.4	58.9	60.5	4.9	6.4	6.5
S. Dak.	12.4	16.2	15.8	56.8	63.3	63.4	4.0	4.6	5.5
Nebr.	15.4	18.2	17.7	63.2	65.8	66.3	5.1	5.9	6.1
Kans.	16.0	18.4	19.0	65.2	68.0	70.1	5.9	7.7	7.4
W. N. Cent.	15.48	18.56	19.03	63.6	67.0	68.2	5.7	7.0	7.0
Md.	18.4	19.0	20.6	74.4	74.1	75.8	7.6	8.1	8.2
Va.	15.7	19.9	20.0	70.8	76.2	74.1	5.8	7.5	7.1
W. Va.	12.2	15.7	15.8	70.6	73.1	71.2	4.0	5.5	5.2
N. C.	14.6	17.2	17.4	71.9	75.6	75.9	5.8	6.6	7.2
S. C.	11.9	12.0	14.0	67.2	63.6	67.6	4.8	7.7	6.8
Ga.	10.2	14.1	13.4	59.0	64.0	63.0	4.8	6.3	6.8
S. Atl.	14.23	17.93	18.25	69.4	73.9	77.8	5.4	6.7	6.8
Ky.	12.2	14.4	15.0	64.9	67.3	67.1	5.5	6.5	6.3
Tenn.	11.0	13.1	13.0	66.2	66.6	66.2	5.2	6.2	6.2
Ala.	8.6	8.4	9.4	55.2	47.7	53.9	5.1	5.5	5.4
Miss.	7.5	7.6	7.6	55.4	55.0	53.3	4.0	4.7	4.3
Ark.	8.7	11.4	10.7	54.0	61.7	58.7	4.4	5.7	5.2
La.	7.2	8.1	9.6	45.4	59.9	52.1	4.0	4.7	4.9
Okla.	11.5	14.4	14.2	57.2	63.8	63.1	4.9	6.8	7.1
Tex.	9.2	10.8	10.5	52.1	52.2	51.0	5.2	6.9	6.0
S. Cent.	10.21	12.46	12.25	58.6	62.5	60.3	4.8	6.0	5.8
Mont.	14.7	16.0	17.2	64.5	61.3	64.4	4.2	4.7	4.4
Idaho.....	18.8	21.7	21.6	75.0	77.0	76.9	4.2	5.0	5.1
Wyo.	16.9	18.6	18.6	67.3	66.9	70.5	3.8	3.7	4.8
Colo.	17.0	20.5	21.0	69.7	74.9	70.2	5.5	6.6	6.1
Utah.....	20.0	22.3	23.1	76.2	78.6	77.2	4.9	6.0	5.1
Wash.	19.1	22.8	23.7	77.6	80.2	80.6	5.8	5.6	6.8
Oreg.	15.7	17.4	17.4	74.3	77.6	75.0	5.0	5.2	4.9
Calif.	20.8	26.0	26.0	77.8	80.6	82.0	5.3	7.5	8.0
West.	18.62	23.13	23.04	74.6	77.8	78.0	5.2	6.4	6.7
U. S.	16.04	19.41	19.68	68.4	71.8	72.3	5.88	7.04	7.06

^{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).

^{3/} Includes grain, millfeeds, and other concentrates.

Official Business

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Milk per cow at new high for December 1

Milk production per cow in crop reporters' herds on December 1 averaged 19.68 pounds. This was 1 percent above the previous high for the date set last year and 23 percent above the December 1 average. Rate per cow increased only slightly from November 1, compared with a seasonal gain of 1 percent between these dates last year. December 1 rates edged up 1 to 3 percent from a year earlier in all sections of the country except the South Central and the West. In these regions, December 1 milk per cow decreased 2 percent in the South Central and slightly in the West. Compared with November 1, production rates advanced in the East and West North Central regions but declined seasonally in all others. The proportion of cows milked on December 1, averaging 72.3 percent for the country as a whole, was 1 percent above both a month earlier and December 1 a year ago.

Grain feeding continues heavy

Feeding of grain and concentrates to milk cows continued at a record high level on December 1. The reported rate of 7.06 pounds of grain per cow was only slightly above the previous high of 7.04 pounds set on December 1 a year earlier, but 20 percent above the 1949-58 average for the date. Grain and concentrate feeding rates per cow increased 20 percent from October 1 to December 1, compared with an increase of 23 percent between these dates last year and the average seasonal gain of 27 percent. On December 1, 83 percent of the farmers keeping milk cows reported some grain and concentrates fed. This was 1 percentage point less than the proportion feeding grain on December 1 last year and 2 points below average for the date.

Feeding rates reached record highs for December 1 in all regions of the country except the South Central, where the quantity fed was 3 percent less than the high of last year. The feeding rate increased 5 percent from a year earlier in the West, but showed very little change in most other regions. On December 1, feeding was heaviest in the North Atlantic region where 8.1 pounds of grain and concentrates were fed per cow. Other regional averages were 7.7 pounds in the East North Central; 7.0 pounds, West North Central; 6.8 pounds, South Atlantic; 6.7 pounds, West; and 5.8 pounds in the South Central. Seasonally, feeding rates showed larger gains over October 1 in the Central part of the country than in the East and West Coastal regions.

Dairy product-feed price ratios favorable on November 15

The value of grain and concentrates fed to milk cows averaged \$2.84 per hundredweight at mid-November. This was 2 cents above a year earlier but still considerably below average for the date. Ration values on November 15 averaged \$2.88 per hundredweight in milk-selling areas and \$2.35 in cream-selling areas. The milk-feed price ratio for mid-November was the same as the record high set in 1957 and 1959. The milkfat-feed price ratio was down from November 15 last year but otherwise the highest for mid-November since 1946.