

# MILK PRODUCTION

January 11, 1961

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Milk production in the United States during December is estimated at 9,487 million pounds -- 1 percent more than in December 1959, and 9 percent above the 1949-58 average for the month. Production increased 5 percent from November to December compared with a gain of 6 percent a year earlier. Relative to population, December production provided 1.69 pounds per person daily, compared with 1.70 pounds in December last year.

Milk production in 1960 totaled 125.6 billion pounds, based upon preliminary monthly estimates. This is 1 percent more than the 1959 total and 4 percent above the average annual output for 1949-58. The 1960 production was the second largest on record, exceeded only by the record high of 125.9 billion pounds in 1957. The estimate of annual production for 1960 is tentative, pending a more detailed analysis of milk cow numbers and production per cow by States. Estimates based on this annual review will be published February 13.

December milk production reached record highs for the month in 9 States -- New York, Pennsylvania, Ohio, Minnesota, Virginia, North Carolina, Idaho, Washington, and California. Production was at a record low level for December in Kansas, Wyoming, and Oregon. With a larger seasonal gain in milk production for December, Minnesota moved ahead of New York into second place, following the usual leader -- Wisconsin

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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	$\frac{1960}{1959}$	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	9,487	101	1.72	1.70	1.69
Year.....	120,380	124,396	125,568	101	2.04	1.93	1.91

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

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

State	Dec. av. 1949-58	Dec. 1959	Nov. 1960	Dec. 1960	State	Dec. av. 1949-58	Dec. 1959	Nov. 1960	Dec. 1960
N. Y. ....	696	769	749	812	Ga. ....	91	101	99	99
N. J. ....	93	94	92	94	Ky. ....	154	159	177	166
Pa. ....	460	528	518	532	Tenn. ...	157	155	167	158
Ohio.....	397	419	410	425	Ala. ....	91	83	82	84
Ind. ....	258	256	251	246	Miss. ...	99	100	105	101
Ill. ....	370	350	316	331	Ark. ....	84	79	80	77
Mich. ....	402	427	401	411	Okla. ...	121	115	112	113
Wis. ....	1,169	1,317	1,205	1,331	Tex. ....	235	228	217	228
Minn. ....	690	816	685	835	Mont. ...	35	33	34	33
Iowa.....	429	436	396	429	Idaho....	100	123	119	127
Mo. ....	262	245	253	249	Wyo. ....	15.7	14.7	13.1	14.3
N. Dak. ..	102	107	100	107	Colo. ...	68	71	67	70
S. Dak. ..	89	107	87	100	Utah.....	54	61	57	59
Nebr. ....	148	142	126	140	Wash. ...	127	149	148	152
Kans. ....	176	155	149	154	Oreg.....	77	74	75	72
Md. ....	113	119	123	121	Calif. ..	519	642	638	646
Va. ....	146	158	168	164	Other States.	424	512	567	559
W. Va. ...	57	59	63	57	U. S. ...	8,682	9,389	9,039	9,487
N. C. ....	128	137	141	140					
S. C. ....	45	48	49	51					

1/ Monthly data for other States not yet available.

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

Region	Milk-feed 1/				Milkfat-feed 2/			
	Dec. 15, av. 1949-58	Dec. 15, 1959	Nov. 15, 1960	Dec. 15, 1960	Dec. 15, av. 1949-58	Dec. 15, 1959	Nov. 15, 1960	Dec. 15, 1960
N. Atl. ..	1.40	1.53	1.54	1.50	-	-	-	-
E.N.C. ...	1.37	1.48	1.61	1.58	21.0	21.3	21.3	21.0
W.N.C. ...	1.45	1.62	1.73	1.66	25.4	28.9	28.5	28.0
S. Atl. ..	1.61	1.72	1.70	1.71	-	-	-	-
S. Cent. .	1.65	1.74	1.74	1.75	16.5	17.3	17.6	17.4
West. ....	1.40	1.47	1.49	1.49	19.1	19.7	18.7	18.6
U. S. ...	1.43	1.54	1.61	1.58	23.0	26.1	25.8	25.3

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, December 15, 1960, with comparisons

[In dollars]

Region	Dec. 15, av. 1949-58	Dec. 15, 1959	Oct. 15, 1960	Nov. 15, 1960	Dec. 15, 1960
N. Atl. ....	3.74	3.52	3.47	3.47	3.48
E. N. Cent. ....	2.94	2.65	2.65	2.62	2.66
W. N. Cent. ....	2.64	2.21	2.22	2.19	2.22
S. Atl. ....	3.63	3.32	3.33	3.32	3.32
S. Cent. ....	3.35	2.97	2.97	2.98	2.99
West. ....	3.41	3.18	3.15	3.16	3.18
U. S.					
Milk-selling areas.	3.23	2.91	2.89	2.88	2.90
Cream-selling areas	2.83	2.37	2.38	2.35	2.38
Combined milk and cream areas.....	3.17	2.86	2.85	2.84	2.86

Table 5.-Milk produced per milk cow and percent of milk cows milked in herds kept by reporters, January 1, 1961, with comparisons <sup>1/</sup>

State and division	Milk produced per milk cow <sup>2/</sup>			Percent of milk cows milked		
	Jan. 1, av. 1950-59	Jan. 1, 1960	Jan. 1, 1961	Jan. 1, av. 1950-59	Jan. 1, 1960	Jan. 1, 1961
	Pounds	Pounds	Pounds	Percent	Percent	Percent
Me. ....	17.5	21.4	23.0	78.7	79.7	81.8
N. H. ....	19.4	23.0	22.7	80.4	82.7	81.7
Vt. ....	18.6	22.2	22.8	76.7	80.9	80.1
Mass. ....	20.1	24.3	23.6	79.5	81.4	79.3
Conn. ....	20.9	26.9	25.2	78.8	81.8	81.4
N. Y. ....	21.2	23.8	24.0	74.8	77.0	76.3
N. J. ....	22.6	24.9	24.2	78.3	79.3	77.9
Pa. ....	20.7	24.2	24.0	76.9	79.2	78.1
N. Atl. ....	20.64	23.68	23.40	76.2	78.6	77.4
Ohio.....	18.9	22.7	22.5	74.7	78.0	77.0
Ind. ....	16.9	20.8	20.4	71.4	75.1	75.3
Ill. ....	18.2	21.7	21.8	68.6	73.9	73.9
Mich. ....	21.0	25.4	25.4	78.4	82.6	82.2
Wis. ....	19.8	23.9	23.4	73.2	76.9	76.4
E. N. Cent. ....	19.42	23.68	23.18	73.3	77.6	77.2
Minn. ....	20.8	25.1	25.9	69.8	75.6	76.9
Iowa.....	17.8	21.1	20.9	67.1	70.7	69.3
Mo. ....	12.0	14.9	14.9	61.6	65.7	65.9
N. Dak. ....	14.1	19.7	19.1	55.4	62.3	60.0
S. Dak. ....	12.9	18.0	17.5	56.3	65.2	64.4
Nebr. ....	15.8	19.5	20.0	63.4	67.1	70.8
Kans. ....	16.4	18.9	18.9	66.4	70.6	69.4
W. N. Cent. ....	16.69	20.73	20.70	64.6	69.9	69.7
Md. ....	18.2	20.0	19.2	74.2	76.1	73.0
Va. ....	15.7	18.6	20.5	69.8	73.3	75.0
W. Va. ....	11.6	15.2	14.0	67.6	69.7	68.0
N. C. ....	14.5	16.7	17.5	72.3	74.3	76.6
S. C. ....	12.2	13.5	14.4	68.1	68.9	70.3
Ga. ....	10.3	11.9	12.9	58.4	58.9	61.8
S. Atl. ....	14.18	17.51	18.75	68.7	73.2	77.2
Ky. ....	11.6	14.3	14.7	61.9	65.0	64.5
Tenn. ....	10.7	12.1	12.9	64.1	63.5	65.4
Ala. ....	8.6	9.0	8.6	54.6	47.8	51.4
Miss. ....	7.5	7.2	7.2	55.2	50.0	55.8
Ark. ....	8.4	11.1	10.6	51.4	59.2	55.8
La. ....	7.3	9.3	9.5	46.2	61.8	51.5
Okla. ....	11.4	12.6	14.3	56.9	60.7	60.8
Tex. ....	8.9	10.0	10.5	50.4	47.6	50.0
S. Cent. ....	10.07	12.06	12.48	57.3	60.5	59.9
Mont. ....	14.4	15.8	16.4	61.3	62.6	60.3
Idaho.....	18.6	20.9	22.1	73.7	75.9	77.6
Wyo. ....	16.8	18.8	18.7	66.2	68.7	65.4
Colo. ....	16.8	21.0	21.2	68.0	74.3	71.0
Utah.....	20.6	21.0	24.5	76.7	75.9	80.1
Wash. ....	19.9	24.8	24.1	77.6	81.0	80.9
Oreg. ....	15.2	16.8	17.7	70.3	73.1	72.3
Calif. ....	21.4	26.0	25.0	78.1	82.1	80.1
West. ....	19.05	23.77	23.39	74.3	78.8	77.6
U. S. ....	16.68	20.36	20.38	68.3	72.7	72.6

<sup>1/</sup> 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.

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

Official Business

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January 1 milk per cow makes small gain from year ago

Milk production per cow in herds kept by crop reporters averaged 20.38 pounds on January 1. This is practically unchanged from the 20.36 pounds reported for that date in 1960, but 22 percent above the January 1, 1950-59 average. The usual year-to-year gain in January 1 output per cow was limited by below-average temperatures in December, with heavy snow in the Northeast, causing some problems in caring for herds. Gains of 7 percent in the South Atlantic region and 3 percent in the South Central helped to offset declines from the January 1, 1960 rate in all other regions.

Milk per cow made the usual seasonal gain of 4 percent from December 1 to January 1. The reported rate increased during December in all regions, including the South Atlantic and South Central where there is usually a small decline. Reporters were milking 72.6 percent of the cows in their dairy herds on January 1, compared with 72.3 percent on December 1, and 72.7 percent on January 1, 1960.

Milk-feed ratio near record high for mid-December

The value of grain and concentrates fed to milk cows averaged \$2.86 per hundredweight at mid-December, the same as at that time in 1959. With higher milk prices, the milk-feed price ratio increased to 1.58 for mid-December, compared with 1.54 a year earlier and the record December high of 1.59 in 1918. The milkfat-feed price ratio of 25.3 for December 15 was down from the 26.1 computed for December 1959.