

MILK PRODUCTION

December 12, 1961

Milk production in the United States in November is estimated at 9,211 million pounds. This is 3 percent more than the previous record high for the month, set in 1960, and 10 percent above the November 1950-59 average. The large increase over the 10-year average for November reflects the trend toward a leveling out in the seasonal pattern of production. The 1961 decline of 4 percent from October to November was about the same as in 1960, but compares with a 10-year average drop of 7 percent. For the first 11 months of 1961, milk production totaled 115,183 million pounds, 1.5 percent more than in the corresponding period of 1960. Relative to population, November milk production averaged 1.67 pounds per capita, compared with 1.66 pounds a year earlier.

Milk production set record highs for November in 7 States -- New York, Ohio, Michigan, Wisconsin, Minnesota, Virginia, and California. Previous record highs for the month were equaled in Kentucky, Utah, and Washington. However, milk production was at record low levels for November in West Virginia, Georgia, Texas, Wyoming, and Oregon.

December 1 milk per cow 4 percent above 1960

Milk production per cow in herds kept by crop reporters averaged 20.49 pounds on December 1 -- 4 percent above the previous record high for the date set in 1960. The slight increase in milk per cow from 20.37 pounds
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Table 1.-Monthly milk production on farms, United States, 1950-59 average, 1960 and 1961

Month	Monthly total				Daily average per capita		
	Average 1950-59	1960	1961	$\frac{1961}{1960}$	Average 1950-59	1960	1961
	Mil. pounds	Mil. pounds	Mil. pounds	Percent	Pounds	Pounds	Pounds
Jan.	9,069	9,820	9,859	100.4	1.79	1.77	1.75
Feb.	8,806	9,580	9,381	1/97.9	1.92	1.85	1.84
Mar.	10,276	10,663	10,843	101.7	2.03	1.92	1.92
Apr.	10,828	11,020	11,168	101.3	2.21	2.05	2.04
May.....	12,440	12,206	12,278	100.6	2.46	2.19	2.17
June.....	12,167	11,689	11,941	102.2	2.48	2.17	2.18
July.....	11,259	10,750	11,014	102.5	2.22	1.93	1.94
Aug.	10,344	10,006	10,263	102.6	2.03	1.79	1.81
Sept.	9,267	9,352	9,617	102.8	1.88	1.73	1.75
Oct.	8,972	9,365	9,608	102.6	1.76	1.67	1.69
Nov.....	8,354	8,974	9,211	102.6	1.68	1.66	1.67
Dec.	8,807	9,495			1.72	1.69	
Year....	120,591	122,920			2.01	1.87	

1/ Extra day in February 1960. On a daily average basis, percent is 101.4.

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Table 2.-Monthly milk production on farms, selected States, November 1961, with comparisons ^{1/}
 [In millions of pounds]

State	Nov. av. 1950-59	Nov. 1960	Oct. 1961	Nov. 1961	State	Nov. av. 1950-59	Nov. 1960	Oct. 1961	Nov. 1961
N. Y.	664	762	855	791	Ga.	88	81	88	78
N. J.	88	91	93	90	Ky.	169	175	214	185
Pa.	446	519	539	517	Tenn.	162	157	186	160
Ohio.....	396	399	454	420	Ala.	87	73	79	74
Ind.	251	230	266	243	Miss.	96	92	101	90
Ill.	342	290	317	303	Ark.	84	68	76	72
Mich.	383	408	448	427	Okla.	118	110	112	111
Wis.	1,069	1,240	1,304	1,296	Tex.	234	219	218	214
Minn.	568	685	597	688	Mont.	35	34	34	33
Iowa.....	402	395	441	415	Idaho.....	100	116	124	114
Mo.	264	245	282	252	Wyo.	14.6	13.1	13.6	13.0
N. Dak. ...	97	100	105	95	Colo.	64	68	66	64
S. Dak. ...	84	89	95	92	Utah.....	51	57	62	58
Nebr.	139	123	142	129	Wash.	127	149	158	149
Kans.	168	147	149	150	Oreg.	79	75	82	73
Md.	111	121	130	118	Calif. ...	532	636	676	645
Va.	151	161	184	167	Other States..	463	627	685	663
W. Va.	58	51	54	50	U. S. ...	8,354	8,974	9,608	9,211
N. C.	125	125	133	130					
S. C.	44	43	45	42					

^{1/} Monthly data for other States not yet available.

Table 3.-Dairy product-feed price ratios, by regions, November 15, 1961, with comparisons

Region	Milk-feed ^{1/}				Milkfat-feed ^{2/}			
	Nov. 15, av. 1950-59	Nov. 15, 1960	Oct. 15, 1961	Nov. 15, 1961	Nov. 15, av. 1950-59	Nov. 15, 1960	Oct. 15, 1961	Nov. 15, 1961
N. Atl. ...	1.49	1.54	1.44	1.45	-	-	-	-
E.N.C.	1.45	1.61	1.53	1.54	21.2	21.5	21.3	21.4
W.N.C.	1.54	1.72	1.63	1.64	26.0	28.6	27.0	27.1
S. Atl. ...	1.65	1.72	1.75	1.79	-	-	-	-
S. Cent. ..	1.67	1.73	1.64	1.67	16.5	17.4	17.7	17.1
West.	1.42	1.47	1.46	1.48	19.0	19.1	19.1	18.9
U. S. ...	1.50	1.61	1.55	1.56	23.5	26.0	25.4	25.4

^{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, 1961, with comparisons

[In dollars]

Region	Nov. 15, av. 1950-59	Nov. 15, 1960	Sept. 15, 1961	Oct. 15, 1961	Nov. 15, 1961
N. Atl.	3.68	3.47	3.47	3.47	3.51
E. N. C.	2.86	2.62	2.68	2.64	2.65
W. N. C.	2.56	2.19	2.32	2.31	2.29
S. Atl.	3.59	3.30	3.28	3.20	3.18
S. Cent.	3.29	2.98	3.02	2.99	3.02
West.	3.37	3.16	3.18	3.11	3.14
U. S.					
Milk-selling areas..	3.16	2.88	2.92	2.89	2.90
Cream-selling areas.	2.74	2.35	2.42	2.40	2.39
Combined milk and cream areas.....	3.10	2.84	2.89	2.86	2.87

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, 1961, 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. 1950-59	Dec. 1, 1960	Dec. 1, 1961	Dec. 1, av. 1950-59	Dec. 1, 1960	Dec. 1, 1961	Dec. 1, av. 1950-59	Dec. 1, 1960	Dec. 1, 1961
	Pounds	Pounds	Pounds	Percent	Percent	Percent	Pounds	Pounds	Pounds
Me.	17.7	20.3	21.7	79.9	79.1	80.7	6.7	7.4	9.1
N. H.	19.3	20.8	23.6	79.2	78.0	81.0	6.1	7.2	8.4
Vt.	18.1	21.6	21.2	77.0	80.0	78.8	6.2	7.1	7.5
Mass.	20.4	22.0	23.3	79.7	77.5	80.2	6.7	7.9	8.3
Conn.	21.0	24.7	23.7	79.0	78.8	80.2	7.0	8.4	9.4
N. Y.	20.6	23.9	23.5	75.2	77.1	76.7	7.2	8.1	8.3
N. J.	21.8	24.3	24.2	77.5	77.6	78.2	8.0	9.4	9.7
Pa.	20.2	23.4	23.9	77.1	78.4	78.1	8.2	8.8	9.8
N. Atl.	20.17	23.06	23.19	76.5	77.6	77.5	7.2	8.1	8.6
Ohio.....	19.5	22.7	23.8	74.8	78.3	78.4	7.1	8.5	9.0
Ind.	17.6	20.3	22.3	72.0	73.0	77.5	6.7	7.8	8.4
Ill.	17.9	20.4	22.5	68.8	72.9	75.0	6.8	7.1	7.6
Mich.	21.1	24.9	25.0	78.7	80.9	81.4	7.1	8.6	9.2
Wis.	18.8	22.7	23.2	72.7	75.9	77.1	6.3	7.2	7.8
E. N. Cent.	19.11	22.54	23.56	73.2	76.6	78.0	6.7	7.7	8.2
Minn.	18.6	22.5	22.8	67.4	71.0	70.8	6.0	7.3	7.8
Iowa.....	17.2	19.5	20.2	66.8	70.3	70.0	6.7	7.2	8.0
Mo.	12.9	14.9	15.1	64.8	68.8	65.2	5.7	7.4	6.9
N. Dak.	13.6	18.0	18.0	55.8	60.5	62.0	5.1	6.5	6.7
S. Dak.	12.9	15.8	17.2	57.6	63.4	63.8	4.1	5.5	4.9
Nebr.	15.8	17.7	18.9	63.8	66.3	67.0	5.3	6.1	6.9
Kans.	16.4	19.0	19.3	65.6	70.1	69.2	6.2	7.4	7.8
W. N. Cent.	15.95	19.03	19.55	64.1	68.2	67.8	5.9	7.0	7.4
Md.	18.5	20.6	21.0	74.2	75.8	77.3	7.7	8.2	8.9
Va.	16.3	20.0	20.8	71.4	74.1	75.2	6.0	7.1	7.9
W. Va.	12.6	15.8	15.5	70.7	71.2	69.7	4.2	5.2	5.0
N. C.	15.0	17.4	19.0	72.2	75.9	76.3	5.9	7.2	8.4
S. C.	12.0	14.0	13.2	66.7	67.6	68.1	5.2	6.8	6.2
Ga.	10.6	13.4	12.4	59.3	63.0	60.5	5.1	6.8	5.8
S. Atl.	14.73	18.25	20.01	69.9	77.8	75.6	5.6	6.8	7.6
Ky.	12.6	15.0	16.1	65.1	67.1	68.8	5.6	6.3	6.7
Tenn.	11.3	13.0	13.5	66.2	66.2	66.7	5.3	6.2	6.6
Ala.	8.6	9.4	8.5	54.2	53.9	47.7	5.2	5.4	6.3
Miss.	7.5	7.6	8.0	55.6	53.3	55.0	4.2	4.3	5.0
Ark.	9.0	10.7	11.5	54.7	58.7	57.2	4.6	5.2	5.4
La.	7.2	9.6	11.1	46.9	52.1	53.0	4.1	4.9	5.6
Okla.	11.8	14.2	15.0	57.9	63.1	61.0	5.2	7.1	7.5
Tex.	9.4	10.5	10.8	52.0	51.0	52.0	5.5	6.0	5.1
S. Cent.	10.52	12.25	12.79	59.0	60.3	60.0	5.0	5.8	6.0
Mont.	15.0	17.2	18.0	64.3	64.4	66.4	4.2	4.4	5.7
Idaho.....	19.2	21.6	21.9	75.4	76.9	78.0	4.3	5.1	5.5
Wyo.	17.1	18.6	19.5	66.5	70.5	69.5	3.8	4.8	5.8
Colo.	17.5	21.0	20.0	70.4	70.2	71.0	5.0	6.1	6.5
Utah.....	20.5	23.1	24.1	76.9	77.2	78.0	5.1	5.1	6.4
Wash.	19.7	23.7	23.6	78.0	80.6	81.1	5.8	6.8	7.5
Oreg.	16.0	17.4	17.4	74.7	75.0	77.0	5.1	4.9	5.4
Calif.	21.0	26.0	27.5	78.3	82.0	80.2	5.6	8.0	7.5
West.	19.26	23.04	23.32	75.2	78.0	78.3	5.3	6.7	6.7
U. S.	16.53	19.68	20.49	68.8	72.3	72.5	6.03	7.06	7.52

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.

(Continued from page 1)

on November 1 was about the usual seasonal gain. The December 1 rate was above a year earlier for all regions, although the gain was slight in the North Atlantic region. The largest regional increase in milk per cow was 10 percent in the South Atlantic, followed by 5 percent in the East North Central and 4 percent in the South Central. Crop reporters were milking 72.5 percent of the milk cows in their herds on December 1, about the same percentage as a year earlier.

Grain and concentrate feeding continues heavy

Crop reporters fed their milk cows an average of 7.52 pounds of grain and concentrates on December 1. This is about 7 percent more than the previous record for the date set last year and one-fourth above the 1950-59 average for December 1. Feeding rates were at record highs in all regions. Grain and concentrate feeding increased 19 percent from October 1 to December 1 for the entire country, compared with an increase of 20 percent between these dates last year and the average seasonal gain of 26 percent.

Quantities of grain and concentrates fed to milk cows on December 1 ranged from 8.6 pounds per cow in the North Atlantic Region to 6.0 pounds in the South Central. Feeding rates in other sections of the country were 8.2 pounds in the East North Central, 7.6 pounds in the South Atlantic, 7.4 pounds in the West North Central, and 6.7 in the West. Compared with December 1 last year, feeding of grain and concentrates showed gains of 12 percent in the South Atlantic, 6 percent in the North Atlantic, East North Central, and West North Central, 3 percent in the South Central, and equaled the record high set last year in the West. Feeding rates gained more than usual from October 1 in the North and South Atlantic Regions, but seasonal increases were less than average in other sections of the country.

Price ratios below last year

The milk-feed price ratio was 1.56 at mid-November -- 3 percent less than a year earlier. The ratios have been below those for the corresponding dates of the previous year for 3 consecutive months due to lower milk prices. The milkfat-feed price ratio, at 25.4 on November 15, was down 2 percent from the same date last year and was less than a year earlier for the second consecutive month. Lower prices for milkfat in cream and higher ration costs contributed to the decline from the November 15, 1960 ratio. Ration values averaged \$2.90 per hundredweight on November 15 in milk-selling areas, \$2.39 in cream-selling areas, and \$2.87 in the combined areas.

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