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MILK PRODUCTION

December 12, 1958

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Milk production on farms totaled 8,856 million pounds in November--1 percent above November 1957, as current output showed the largest gain over the corresponding month last year since January. Total milk production declined considerably less than usual from October. In the first 11 months of 1958, milk production totaled 116.7 billion pounds compared with 117.0 billion pounds produced in the same period of 1957. November milk output was sufficient to provide each person in the United States with an average of 1.69 pounds per day, which was about the same as a year earlier and the 1947-56 average.

Among the 35 States with monthly milk production estimates available, output was at a record high for November in 8. These included the heavy milk producing States of Pennsylvania, Ohio, Michigan, Wisconsin, and Minnesota. Production per milk cow during November was at a record level in 30 of the 35 States.

Milk production per cow in crop reporters' herds averaged 19.27 pounds on December 1--nearly 8 percent above the previous high for the date last year. Output per cow was at a record high in all regions, ranging up to 10 and 11 percent above the previous high of last year in the two North Central regions. For the country as a whole, production per cow gained 1 percent from November 1 to December 1, instead of the usual decrease

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Table 1.--Monthly milk production on farms, United States, 1947-56 average, 1957 and 1958

Month	Monthly total				Daily average per capita		
	Average 1947-56	1957	1958	<u>1958</u> <u>1957</u>	Average 1947-56	1957	1958
	Mil. pounds	Mil. pounds	Mil. pounds	Percent	Pounds	Pounds	Pounds
Jan. ...	8,586	9,692	9,800	101	1.79	1.84	1.83
Feb. ...	8,443	9,446	9,482	100	1.92	1.98	1.96
Mar. ...	9,927	10,939	10,944	100	2.06	2.07	2.04
Apr. ...	10,599	11,412	11,413	100	2.28	2.23	2.19
May....	12,382	13,007	12,889	99	2.57	2.46	2.40
June....	12,240	12,518	12,378	99	2.62	2.44	2.37
July....	11,397	11,597	11,469	99	2.36	2.18	2.13
Aug. ...	10,437	10,736	10,593	99	2.16	2.02	1.96
Sept. ..	9,178	9,538	9,471	99	1.96	1.85	1.81
Oct. ...	8,729	9,379	9,388	100	1.80	1.76	1.73
Nov. ...	7,981	8,771	8,856	101	1.70	1.70	1.69
Dec. ...	8,347	9,346			1.71	1.75	
Year..	118,246	126,381			2.08	2.02	

Table 2.-Monthly milk production on farms, selected States, November 1958 ^{1/}

[In millions of pounds]

State	Nov. av. 1947-56	Nov. 1957	Oct. 1958	Nov. 1958	State	Nov. av. 1947-56	Nov. 1957	Oct. 1958	Nov. 1958
N. Y.	621	697	748	687	Ga.	87	96	97	93
N. J.	86	89	90	86	Ky.	162	179	211	178
Pa.	418	485	518	487	Tenn. ...	160	171	191	168
Ohio.....	386	419	456	427	Ala.	92	80	85	79
Ind.	257	265	277	254	Miss. ...	98	105	107	99
Ill.	355	363	382	356	Ark.	88	81	78	78
Mich.	372	386	455	405	Okla. ...	123	113	122	114
Wis.	967	1,177	1,246	1,256	Tex.	234	228	234	234
Minn.	522	606	552	634	Mont. ...	36	34	40	35
Iowa.....	401	419	451	411	Idaho....	91	106	117	106
Mo.	267	260	288	250	Wyo.	16	14	16	14
N. Dak. ...	95	95	111	99	Colo. ...	64	67	66	65
S. Dak. ...	81	89	105	100	Utah.....	47	56	60	57
Nebr.	140	140	151	141	Wash. ...	122	133	147	138
Kans.	174	166	152	158	Oreg. ...	81	76	84	75
Va.	146	166	190	162	Calif. ..	478	598	606	581
W. Va. ...	59	61	65	60	Other				
N. C.	121	138	149	142	States.	491	566	691	580
S. C.	43	47	50	47	U. S. ...	7,981	8,771	9,388	8,856

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

Table 3.-Dairy product-feed price ratios, by regions, November 15, 1958

Region	Milk-feed ^{1/}				Butterfat-feed ^{2/}			
	Nov. 15, av. 1947-56	Nov. 15, 1957	Oct. 15, 1958	Nov. 15, 1958	Nov. 15, av. 1947-56	Nov. 15, 1957	Oct. 15, 1958	Nov. 15, 1958
N. Atl. ..	1.43	1.60	1.53	1.57	-	-	-	-
E.N.C. ...	1.38	1.54	1.43	1.47	21.2	20.8	20.0	20.7
W.N.C. ...	1.46	1.70	1.70	1.70	24.8	27.3	28.3	28.4
S. Atl. ..	1.58	1.70	1.67	1.70	-	-	-	-
S. Cent. .	1.61	1.73	1.68	1.74	16.5	16.8	17.4	16.9
West.	1.37	1.55	1.49	1.53	18.9	19.7	19.6	19.3
U. S. ...	1.43	1.59	1.54	1.58	22.5	24.6	25.0	25.1

^{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 butterfat in cream sold by farmers.

Table 4.-Value per 100 pounds of concentrate rations fed to milk cows, by regions, November 15, 1958

[In dollars]

Region	Nov. 15, av. 1947-56	Nov. 15, 1957	Sept. 15, 1958	Oct. 15, 1958	Nov. 15, 1958
N. Atl.	3.84	3.51	3.53	3.51	3.46
E. N. C.	3.03	2.60	2.74	2.65	2.60
W. N. C.	2.76	2.22	2.27	2.14	2.12
S. Atl.	3.76	3.39	3.49	3.39	3.39
S. Cent.	3.46	2.96	3.05	2.96	2.93
West.	3.53	3.04	3.01	3.01	3.04
U. S.					
Milk-selling areas.	3.34	2.90	2.96	2.89	2.86
Cream-selling areas	2.95	2.40	2.47	2.35	2.33
Combined milk and cream areas.....	3.27	2.85	2.91	2.83	2.80

Table 5.-Milk produced per milk cow, percent of milk cows milked, and "grain" fed per milk cow in herds kept by reporters 1/

State and division	Milk produced per milk cow 2/			Percent of milk cows milked			"Grain" fed per milk cow 3/		
	Dec. 1, av. 1947-56	Dec. 1, 1957	Dec. 1, 1958	Dec. 1, av. 1947-56	Dec. 1, 1957	Dec. 1, 1958	Dec. 1, av. 1947-56	Dec. 1, 1957	Dec. 1, 1958
	Pounds	Pounds	Pounds	Percent	Percent	Percent	Pounds	Pounds	Pounds
Me.	15.8	19.2	20.3	79.4	80.2	80.1	6.3	7.2	7.3
N. H.	17.4	22.0	23.3	79.4	79.8	82.2	5.6	6.5	7.5
Vt.	16.2	19.8	19.9	76.0	78.6	77.4	5.8	6.4	6.7
Mass.	18.9	22.7	22.1	79.8	81.0	78.7	6.3	7.3	7.0
Conn.	19.0	23.2	24.0	78.1	79.1	81.2	6.5	7.8	8.1
N. Y.	19.2	21.9	22.8	74.7	77.0	76.9	6.8	7.7	7.8
N. J.	20.8	23.0	22.8	77.6	77.3	77.4	7.8	8.2	8.2
Pa.	18.4	21.6	21.5	75.9	77.1	77.1	7.5	8.4	8.2
N. Atl.	18.75	21.76	21.93	76.1	77.4	77.6	6.9	7.8	7.8
Ohio	17.4	21.4	23.3	73.8	77.3	78.4	6.5	7.7	8.5
Ind.	15.8	19.0	19.8	70.2	73.5	74.8	6.3	7.2	7.5
Ill.	16.3	19.4	20.5	67.2	71.5	72.4	6.4	7.2	7.2
Mich.	19.0	22.6	25.0	77.5	80.6	80.8	6.5	7.5	8.2
Wis.	16.8	20.5	23.3	71.1	74.3	76.8	5.9	6.8	7.4
E. N. Cent.	17.13	20.88	22.96	71.7	75.3	76.8	6.2	7.1	7.7
Minn.	16.9	19.4	21.9	65.4	67.9	70.5	5.6	6.5	7.3
Iowa	15.9	18.2	19.0	65.6	67.2	67.0	6.3	7.1	7.3
Mo.	11.8	13.1	15.2	63.8	63.4	68.3	5.2	5.9	6.3
N. Dak.	12.2	13.7	16.4	54.6	55.5	60.4	4.6	5.6	6.3
S. Dak.	11.5	13.3	15.6	55.7	58.4	61.5	3.9	4.2	5.0
Nebr.	14.4	17.0	17.6	62.6	65.9	63.7	4.9	5.7	5.7
Kans.	14.9	17.6	18.6	63.9	68.3	68.1	5.5	6.9	7.0
W. N. Cent.	14.50	16.71	18.56	62.7	64.8	67.0	5.4	6.3	6.7
Md.	17.3	21.4	19.6	73.7	75.9	74.0	7.4	8.2	7.7
Va.	14.6	18.7	18.4	70.3	74.2	71.8	5.4	6.8	6.7
W. Va.	11.6	14.0	14.3	70.9	71.6	72.5	3.9	4.8	4.1
N. C.	13.4	17.3	17.8	71.0	74.9	75.8	5.4	6.7	7.0
S. C.	11.5	12.0	13.4	67.5	66.4	69.1	4.4	5.9	5.7
Ga.	9.6	11.5	11.9	58.7	60.7	60.8	4.4	5.6	5.7
S. Atl.	13.20	16.68	17.34	68.5	73.5	74.1	5.1	6.3	6.2
Ky.	11.5	13.8	14.6	65.2	64.4	65.9	5.3	6.1	6.0
Tenn.	10.3	12.2	13.7	65.8	67.1	69.7	4.9	5.6	5.8
Ala.	8.6	8.1	8.6	56.4	52.5	50.7	4.8	4.9	5.2
Miss.	7.2	8.5	7.7	56.0	59.2	54.0	3.8	4.7	4.5
Ark.	8.1	8.6	12.2	53.4	53.3	61.2	3.9	4.9	6.0
La.	6.8	7.8	7.9	43.8	53.7	52.2	3.7	4.4	4.7
Okla.	10.7	13.0	13.3	55.9	59.9	62.1	4.5	5.7	6.8
Tex.	8.6	10.2	11.1	52.2	51.8	51.6	4.8	5.5	6.2
S. Cent.	9.54	11.42	12.46	58.2	59.8	61.3	4.5	5.3	5.7
Mont.	14.2	15.2	15.7	64.0	63.5	65.5	3.9	4.2	5.4
Idaho	18.3	19.3	20.5	74.5	76.2	76.5	4.1	4.6	4.3
Wyo.	15.7	18.0	20.1	66.1	65.8	72.9	3.6	4.1	4.8
Colo.	16.1	19.3	19.0	68.2	75.1	73.0	5.3	5.8	6.6
Utah	19.0	22.1	23.3	75.7	77.0	79.2	4.6	5.0	5.3
Wash.	18.1	21.1	22.5	76.8	80.1	80.1	5.5	6.5	6.6
Oreg.	15.0	17.5	17.4	73.0	75.7	78.4	4.7	6.2	5.3
Calif.	19.6	23.0	23.5	76.9	76.5	79.4	4.7	6.5	7.2
West.	17.48	20.69	21.61	73.5	76.3	77.7	4.8	6.0	6.4
U. S.	14.96	17.91	19.27	67.4	70.2	71.8	5.56	6.52	6.86

1/ Figures for New England States and New Jersey 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.

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of about 1 percent. Output per cow declined from November 1 in the East and West Coastal regions, but advanced seasonally in the central part of the country. Crop reporters indicated that 71.8 percent of the milk cows in their herds were milked on December 1--a new record high for the date. The proportion of cows milked on December 1 reached record highs in the North Central, South Atlantic, and Western States.

Grain feeding continued heavy on December 1

Record grain feed supplies and favorable dairy product-feed price relationships contributed to continued record high grain and concentrate feeding. On December 1, crop reporters fed an average of 6.9 pounds of grain and concentrates to cows in their milking herds--5 percent above the previous record high of December 1 last year and 23 percent above the 1947-56 average. Seasonally, grain feeding rates showed less than the usual increase from October 1 to December 1.

Grain feeding rates on December 1 were at record high levels for the date in the East and West North Central and Western regions and equaled last year's high in the North Atlantic region. In the other regions, the current December 1 averages were just short of the record highs for the date. The proportion of crop reporters feeding grain and concentrates to milk cows average 84.3 percent, about the same as a year earlier.

The value of grain and concentrates fed to milk cows on November 15 was estimated at \$2.80 per hundredweight--the lowest for any month since April 1946, and the lowest for November since 1945. In milk-selling areas, grains and concentrates fed in mid-November were valued at \$2.86 per hundredweight compared with \$2.33 per hundredweight in cream-selling areas. The milk-feed price ratio on November 15 was slightly below a year earlier, but otherwise the most favorable for the date in about 5 decades of record. The milkfat-feed price ratio in mid-November was equaled in 1949, but otherwise the highest for the month since 1946.