

HD
9275
V6
AY

MILK PRODUCTION

December 12, 1956

Milk cows on farms produced a total of 8,757 million pounds of milk during November--1 percent above the previous record high of November last year and 12 percent above the 1945-54 average for the month. Seasonally, total output declined 7 percent, compared with 6 percent last year and the October to November average decline of 10 percent. Relative to population, November milk production averaged 1.73 pounds per person per day, compared with 1.74 pounds for the same month last year and the November average of 1.71 pounds. Milk output in the first 11 months of 1956 totaled 117.7 billion pounds, compared with the previous record high of 114.3 billion pounds for the January-November period last year.

Milk production per cow in crop reporters herds averaged 17.39 pounds on December 1--5 percent above the previous high for the date last year and 23 percent above the December 1 average. Output per cow exceeded that of December 1 last year and was at a record high in all regions except in the North Atlantic States. Compared with a year earlier, increases in production per cow in other regions ranged from 1 percent in the West North Central region to 13 percent in the South Atlantic States. Heavy milk flow was partly due to a record high rate

Continued--

Table 1.--Monthly milk production on farms, United States, 1945-54 average, 1955 and 1956

Month	Monthly total				Daily average per capita		
	Average 1945-54	1955	1956	$\frac{1956}{1955}$	Average 1945-54	1955	1956
	Mil. pounds	Mil. pounds	Mil. pounds	Percent	Pounds	Pounds	Pounds
Jan. ..	8,382	9,163	9,604	105	1.81	1.80	1.86
Feb. ..	8,223	8,835	9,582	1/108	1.95	1.92	1.98
Mar. ..	9,739	10,486	11,024	105	2.10	2.06	2.14
Apr. ..	10,493	11,156	11,512	103	2.33	2.26	2.31
May...	12,348	12,844	12,974	101	2.66	2.51	2.50
June...	12,289	12,520	12,620	101	2.73	2.53	2.52
July...	11,508	11,453	11,697	102	2.47	2.23	2.26
Aug. ..	10,504	10,515	10,794	103	2.25	2.05	2.07
Sept. ..	9,155	9,434	9,660	102	2.02	1.90	1.91
Oct. ..	8,611	9,222	9,450	102	1.84	1.79	1.81
Nov. ..	7,789	8,668	8,757	101	1.71	1.74	1.73
Dec. ..	8,097	9,158			1.72	1.77	
Year...	117,138	123,454			2.13	2.05	

1/ Influenced by extra day in February. Daily average production was 105 percent.

U. S. DEPARTMENT OF AGRICULTURE
 Agricultural Marketing Service • Crop Reporting Board
 WASHINGTON, D. C.

Table 2.-Monthly milk production on farms, selected States,
November 1956, with comparisons 1/

[In millions of pounds]

State	Nov. av. 1945-54	Nov. 1955	Oct. 1956	Nov. 1956	State	Nov. av. 1945-54	Nov. 1955	Oct. 1956	Nov. 1956
N.J.	83	90	91	85	Ga.	85	91	101	96
Pa.	400	467	506	462	Ky.	156	170	224	185
Ohio.....	372	429	475	441	Tenn.	155	166	197	175
Ind.	257	265	278	253	Ala.	94	89	93	88
Ill.	358	358	403	380	Miss.	94	106	114	109
Mich.	368	407	441	397	Ark.	89	90	95	94
Wis.	921	1,096	1,141	1,171	Okla.	129	124	136	124
Minn.	508	602	521	583	Tex.	240	241	245	240
Iowa.....	403	411	446	425	Mont.	37	35	37	33
Mo.	266	277	319	268	Idaho.....	87	104	115	106
N. Dak. ..	96	104	112	101	Wyo.	17	15	16	15
S. Dak. ..	82	85	97	86	Utah.....	46	50	58	54
Nebr.	140	154	158	148	Wash.	121	131	148	134
Kans.	177	184	169	175	Oreg.	82	79	86	77
Va.	140	144	179	161	Calif. ...	450	556	586	553
W. Va. ...	60	61	70	60	Other				
N.C.	117	125	145	134	States...	1,117	1,318	1,598	1,298
S.C.	42	44	50	46	U.S.	7,789	8,668	9,450	8,757

1/ Monthly data for other States not yet available.

Table 3.-Dairy product-feed price ratios, by regions,
November 15, 1956, with comparisons

Region	Milk-feed 1/				Butterfat-feed 2/			
	Nov. 15, av. 1935-54	Nov. 15, 1955	Oct. 15, 1956	Nov. 15, 1956	Nov. 15, av. 1935-54	Nov. 15, 1955	Oct. 15, 1956	Nov. 15, 1956
N. Atl. ..	1.42	1.48	1.47	1.51	-	-	-	-
E.N.C. ...	1.42	1.51	1.42	1.50	24.0	21.1	19.8	20.9
W.N.C. ...	1.62	1.54	1.50	1.51	27.9	24.5	24.7	25.5
S. Atl. ..	1.59	1.66	1.66	1.70	-	-	-	-
S. Cent. ..	1.57	1.74	1.62	1.73	18.8	16.3	15.6	16.1
West.....	1.40	1.40	1.39	1.45	21.5	18.1	18.6	18.9
U.S. ...	1.44	1.51	1.47	1.52	25.0	22.4	22.4	23.1

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.

(Continued from page 1)

of grain and concentrates fed for the country and generally mild weather in New England and the Great Lakes States. Production per cow increased about 1 percent from November 1 to December 1, as crop correspondents in the central part of the country reported heavier milk flow per cow than a month earlier. Usually milk output per cow for the country as a whole declines 1 percent during this period. Output was well above average for December 1 in all regions, with increases ranging from 13 to 29 percent. On December 1, crop reporters milked a record high of 70.0 percent of the milk cows in their herds, compared with 69.0 percent for the same date last year and the December 1 average of 66.6 percent. Compared with December 1 last year, reporters in only the West North Central States were milking a lower proportion of their cows in herds. Compared with the December 1 average, the percent of cows milked was above the usual proportion for the date in all sections of the country.

Among the 33 States with monthly milk production estimates available, November output equaled or exceeded the record high for the month in 11 States, with 7 of these being Southern States. November milk production was average or below in 9 States. Wisconsin, as usual, led the States in November milk production with 1,171 million pounds; followed by Minnesota with 583 million; California, 553 million; Pennsylvania, 462 million; and Ohio, 441 million pounds.

Table 4.-Milk produced per milk cow and percent of milk cows milked
in herds kept by reporters 1/

State and division	Milk produced per milk cow 2/			Percent of milk cows milked		
	December 1, av. 1945-54	December 1, 1955	December 1, 1956	December 1, av. 1945-54	December 1, 1955	December 1, 1956
	Pounds	Pounds	Pounds	Percent	Percent	Percent
Me.	14.8	17.3	18.8	78.6	79.6	80.3
N. H.	16.7	18.9	18.6	78.8	80.1	78.4
Vt.	15.2	18.0	18.2	75.5	76.9	76.9
Mass.	17.8	20.1	21.3	79.4	79.7	78.4
Conn.	17.9	20.7	22.1	77.7	78.1	78.5
N. Y.	18.3	20.7	20.7	74.3	74.6	76.1
N. J.	20.1	22.1	21.2	77.5	78.7	76.0
Pa.	17.4	20.1	19.7	75.0	76.8	80.4
N. Atl.	17.86	20.30	20.10	75.5	76.6	78.6
Ohio.....	16.2	20.2	20.3	73.4	74.6	73.4
Ind.	14.8	17.9	18.0	69.8	71.5	71.3
Ill.	15.4	17.9	19.5	66.6	68.3	70.5
Mich.	17.9	21.8	22.0	76.6	80.4	79.9
Wis.	15.8	18.6	20.0	70.3	72.9	73.3
E. N. Cent.	16.08	19.25	20.24	71.0	73.2	73.8
Minn.	16.0	19.0	19.0	64.1	69.5	67.3
Iowa.....	15.0	17.7	19.2	64.7	68.5	69.4
Mo.	11.2	13.2	13.3	63.2	66.9	65.4
N. Dak.	11.5	14.0	13.5	53.9	56.6	54.7
S. Dak.	11.1	12.9	12.7	55.3	58.1	57.0
Nebr.	13.6	17.1	17.4	61.3	67.5	67.8
Kans.	14.1	17.4	17.5	62.9	67.2	66.2
W. N. Cent.	13.73	16.47	16.56	61.8	65.9	64.8
Md.	16.5	18.4	19.2	73.1	73.5	75.4
Va.	13.7	15.5	17.8	69.5	71.3	72.6
W. Va.	11.4	12.7	12.4	71.4	70.6	69.9
N. C.	12.6	14.1	16.3	70.6	70.8	73.7
S. C.	10.8	11.9	14.5	67.3	70.3	69.7
Ga.	9.0	10.2	12.4	58.1	58.5	62.5
S. Atl.	12.51	13.96	15.77	68.1	69.0	70.5
Ky.	11.1	12.2	13.6	65.4	64.3	65.9
Tenn.	9.8	10.6	12.5	65.5	66.1	66.6
Ala.	8.4	8.9	9.3	57.2	54.4	55.6
Miss.	6.9	7.8	8.6	55.5	55.1	58.4
Ark.	7.6	9.4	10.5	52.6	51.0	58.5
La.	6.4	7.4	8.1	41.8	52.8	53.5
Okla.	9.9	11.9	13.7	54.5	56.6	61.9
Tex.	8.1	10.0	9.7	52.4	52.0	50.4
S. Cent.	9.03	10.40	11.62	57.6	58.5	60.8
Mont.	13.7	15.5	15.4	63.4	64.4	65.6
Idaho.....	17.6	19.0	20.1	74.0	74.5	75.9
Wyo.	14.8	15.9	19.5	65.3	65.7	68.5
Colo.	15.3	18.2	17.4	66.9	71.5	72.2
Utah.....	18.0	20.2	21.8	74.8	75.8	79.4
Wash.	17.3	18.9	20.4	75.7	79.4	79.0
Oreg.	14.6	14.7	16.1	72.4	72.4	74.8
Calif.	18.5	22.0	22.8	75.7	79.6	77.7
West.....	16.59	18.92	20.14	72.5	75.3	76.1
U. S.	14.12	16.53	17.39	66.6	69.0	70.0

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).

Table 5.-"Grain" fed per milk cow in herds kept by reporters,
December 1, 1956, with comparisons 1/

State and division	Dec. 1, av. 1945-54	Dec. 1, 1955	Dec. 1, 1956	State and division	Dec. 1, av. 1945-54	Dec. 1, 1955	Dec. 1, 1956
	<u>Pounds</u>	<u>Pounds</u>	<u>Pounds</u>		<u>Pounds</u>	<u>Pounds</u>	<u>Pounds</u>
Me.	6.1	6.8	7.0	Md.	7.2	7.5	7.9
N. H.	5.6	5.9	5.8	Va.	5.1	5.8	6.3
Vt.	5.6	6.2	6.2	W. Va.	3.7	4.4	4.2
Mass.	6.2	6.5	6.9	N. C.	5.3	5.6	6.3
Conn.	6.5	6.4	7.0	S. C.	4.0	5.3	6.2
N. Y.	6.6	7.1	7.3	Ga.	4.1	5.2	5.8
N. J.	7.9	7.9	7.7	S. Atl.	4.8	5.6	5.9
Pa.	7.3	7.8	7.7	Ky.	5.2	5.1	6.0
N. Atl.	6.7	7.2	7.3	Tenn.	4.6	5.1	5.9
Ohio.....	6.3	6.9	7.2	Ala.	4.4	5.9	6.2
Ind.	6.0	6.9	7.1	Miss.	3.4	3.7	5.2
Ill.	6.3	6.6	6.7	Ark.	3.4	4.4	5.4
Mich.	6.3	7.2	7.5	La.	3.4	3.9	4.8
Wis.	5.7	6.1	6.4	Okla.	3.9	5.0	6.7
E. N. Cent. ..	6.0	6.6	6.8	Tex.	4.4	5.1	6.1
Minn.	5.4	5.8	6.2	S. Cent.	4.1	4.8	5.9
Iowa.....	6.2	6.9	6.8	Mont.	3.8	4.5	4.0
Mo.	4.9	5.6	6.5	Idaho.....	3.9	4.3	4.2
N. Dak.	4.4	4.9	5.0	Wyo.	3.5	3.5	4.3
S. Dak.	3.9	4.3	4.2	Colo.	5.0	5.4	5.6
Nebr.	4.8	4.9	5.5	Utah.....	4.2	5.5	5.4
Kans.	5.2	5.8	7.0	Wash.	5.4	5.7	6.3
W. N. Cent. ..	5.2	5.8	6.2	Oreg.	4.6	4.8	5.1
				Calif.	4.6	5.1	5.5
				West.....	4.6	5.0	5.4
				U. S.	5.32	5.90	6.35

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. Includes grain, millfeeds, and other concentrates.

Grain and concentrates fed to milk cows

Farmers continued feeding grain and concentrates at a record high rate as milk cows were shifted to winter rations. Crop reporters fed their milking herds an average of 6.35 pounds of concentrates per head on December 1 -- nearly 8 percent more than a year earlier and 19 percent more than the average amount for the date. Seasonally, the increase from the October 1 record high rate was less than the usual gain from October 1 to December 1. Generally ample supplies of feed grain and hay in the heavy milk producing areas and favorable dairy product-feed price ratios were contributing factors to the high rate of concentrate feeding. On November 15, dairy product-feed price ratios were the most favorable for feeding on that date since 1946, as the value of grain and concentrates fed to milk cows averaged \$2.96 per hundredweight. The amount of grain fed per milk cow was at a December 1 record high in all sections of the country. Crop reporters in the South Central States continued to feed their milking herds at a considerably higher rate than the remainder of the country when compared with the December 1 average. The proportion of crop reporters feeding some grain and concentrates to milk cows averaged 86.0 percent on December 1, about the same percentage as reported last year, but 2 percent above average.