

Dairy Production

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CROP REPORTING BOARD

AUG 9 1954

AGRICULTURAL MARKETING SERVICE - U.S. DEPT. OF AGRICULTURE

Washington, D. C.

February 15, 1954

This report includes milk production and related information released in CROP PRODUCTION, together with selected special summaries brought together for those interested primarily in dairy statistics.

MILK PRODUCTION

Total production of milk on United States farms in January 1954 is estimated at 9,172 million pounds--about 4 percent higher than a year ago. This was the first time in history that January production reached 9 billion pounds. Production conditions were unusually favorable during the month. Temperatures were above normal over much of the country and most areas have been relatively free from prolonged severe storms. Grain and concentrate feeding continued at record heavy rates, with supplies of grains and roughages adequate in most areas. Total January output was more than 10 percent above average for the month. Relative to population, milk production averaged 1.84 pounds per capita per day, the highest for January since 1947, but lower than in 15 of the 17 earlier years for which records are available.

Milk production per cow in crop reporters' herds on February 1 continued at a record level for the date. Nationally, daily output per cow averaged 16.65 pounds--exceeding the February 1, 1953 previous high by 3 percent and the 1943-52 average for the date by 17 percent. Production per cow was at record level in all regions except the South Atlantic where it fell just short of last year's record high. Production in all regions continued to hold substantially above average, with February output per cow ranging from 14 percent above average for the date in the South Atlantic to 18 percent higher in the East North Central. By States, February 1 production per cow was above average in 46 of the 48 States. Output per cow

Table 1.-MONTHLY MILK PRODUCTION ON FARMS, UNITED STATES, 1943-52 AV., 1953 AND 1954

Month	Monthly total			Daily average per capita			
	Average 1943-52	1953	1954	1954 1953	Average	1953	1954
	Million pounds			Percent	Pounds		
Jan.	8,268	8,800	9,172	104	1.84	1.79	1.84
Feb.	8,130	8,555			1.98	1.93	
Mar.	9,599	10,191			2.13	2.07	
Apr.	10,353	10,910			2.38	2.38	
May	12,286	12,637			2.73	2.56	
June	12,327	12,449			2.83	2.60	
July	11,577	11,603			2.56	2.34	
Aug.	10,529	10,624			2.33	2.14	
Sept.	9,156	9,306			2.09	1.93	
Oct.	8,558	8,878			1.89	1.78	
Nov.	7,665	8,359			1.74	1.73	
Dec.	7,931	8,907			1.74	1.78	
Year	116,379	121,219			2.19	2.08	

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Table 2.-ESTIMATED MONTHLY MILK PRODUCTION ON FARMS, SELECTED STATES 1/

State	Jan. av. : 1943-52	Jan. : 1953	Dec. : 1953	Jan. : 1954	State	Jan. av. : 1943-52	Jan. : 1953	Dec. : 1953	Jan. : 1954
Million pounds					Million pounds				
N. J.	86	95	94	96	S. C.	42	43	45	45
Pa.	402	470	470	485	Ga.	85	88	96	97
Ohio	354	415	420	424	Ky.	138	153	156	163
Ind.	256	261	260	270	Tenn.	143	161	170	171
Ill.	391	381	402	398	Ala.	93	100	98	96
Mich.	385	413	414	427	Miss.	90	100	104	105
Wis.	1,041	1,176	1,140	1,292	Okla.	149	126	129	138
Minn.	681	724	685	751	Tex.	250	243	233	235
Iowa	457	431	413	440	Mont.	40	35	36	34
Mo.	251	261	290	284	Idaho	88	88	98	100
N. Dak.	111	109	110	110	Utah	52	56	54	57
S. Dak.	100	88	87	93	Wash.	125	126	122	131
Nebr.	167	147	143	155	Oreg.	79	74	83	81
Kans.	197	172	190	188	Calif.	423	463	504	506
Va.	121	142	149	146	Other				
W. Va.	55	57	57	58	States	1,307	1,478	1,520	1,462
N. C.	109	124	135	134	U. S.	8,268	8,800	8,907	9,172

1/ Monthly data for other States not yet available.

established a new high for the date in 22 States; equaled the record in 1, and was the second highest of record in 9 more. Crop reporters were milking a record high 67.9 percent of the milk cows in their herds on February 1, 1954, 1 percent above a year ago and about 4 percent above the 10-year average for the date. By regions, the proportion of cows milked ranged from 57 percent in the South Central to 76 percent in the North Atlantic region.

Among the 30 States for which monthly milk production estimates are currently available, January output was above average in all except the Great Plains States, Iowa, and Illinois where relatively low milk cow numbers offset the high level of production per cow. Wisconsin again led all States in total milk production in January with 1,292 million pounds; followed by Minnesota with 751 million pounds; California; 506 million; and Pennsylvania with 485 million pounds.

Table 3.-DAIRY PRODUCT-FEED PRICE RATIOS, BY REGIONS

Region	Milk-Feed 1/				Butterfat-Feed 2/			
	Jan. 1932-51 av.	Jan. 1953	Dec. 1953	Jan. 1954	Jan. 1932-51 av.	Jan. 1953	Dec. 1953	Jan. 1954
N. Atl.	1.29	1.22	1.34	1.25	-	-	-	-
E.N.C.	1.32	1.24	1.31	1.22	23.7	19.9	21.2	20.5
W.N.C.	1.55	1.36	1.37	1.28	27.3	22.8	24.0	23.3
S. Atl.	1.59	1.47	1.58	1.47	-	-	-	-
S. Cent.	1.54	1.43	1.54	1.46	19.2	14.5	16.4	15.9
West	1.36	1.37	1.40	1.31	21.0	17.1	18.5	18.3
U. S.	1.34	1.29	1.37	1.28	24.5	20.8	22.2	21.5

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.

GRAIN AND OTHER CONCENTRATES FED TO MILK COWS

Grain and concentrates fed per milk cow continued at a record or near record winter rate in all areas of the country. On February 1, 1954, crop reporters fed an average of 6.33 pounds of grain and other concentrates per cow, a trifle above the previous 23-year record high for the date set in 1949. The rate of feeding was abo

UNITED STATES DEPARTMENT OF AGRICULTURE

CROP REPORT

AGRICULTURAL MARKETING SERVICE

Washington, D. C.,

as of

CROP REPORTING BOARD

February 10, 1954

February 1, 1954

3:00 P.M. (E.S.T.)

MILK PRODUCED AND "GRAIN" FED PER MILK COW IN HERDS REPT BY REPORTERS 1/

State	lilk produced per milk cow			"Grain" fed per milk cow 2/		
and	Feb. 1, Av.	Feb. 1,	Feb. 1,	Feb. 1, Av.	Feb. 1,	Feb. 1,
Division:	1943-52	1953	1954	1943-52	1953	1954
	Pounds			Pounds		
Me.	13.6	15.6	17.3	5.7	6.2	6.6
N.H.	16.0	18.5	19.2	5.6	5.6	6.2
Vt.	14.9	17.5	17.9	5.7	6.2	5.8
Mass.	17.6	19.8	21.2	6.6	6.4	6.4
Conn.	17.7	19.5	21.9	6.4	7.4	6.9
N.Y.	18.6	22.0	21.0	6.7	7.3	7.1
N.J.	20.5	21.7	22.2	3.3	7.8	8.0
Pa.	17.5	20.1	20.2	7.5	7.9	7.8
N.Atl.	17.82	20.54	20.66	6.8	7.2	7.1
Ohio	15.5	19.0	18.6	6.3	7.0	6.8
Ind.	14.1	16.0	17.2	6.3	6.7	7.1
Ill.	16.0	17.2	18.2	7.3	7.5	7.2
Mich.	17.8	20.4	20.6	6.4	7.2	6.9
Wis.	17.6	19.6	20.8	6.1	6.6	6.7
E.W.Cent.	16.71	19.13	19.79	6.5	6.9	6.9
Minn.	18.9	21.9	21.5	6.2	7.0	6.8
Iowa	16.0	17.1	17.3	7.6	8.0	7.9
Mo.	10.0	10.5	12.3	5.0	5.5	6.2
N.Dak.	13.2	15.0	14.9	5.1	5.5	5.8
S.Dak.	11.8	13.4	14.3	4.7	4.5	5.3
Nebr.	14.2	15.7	17.5	5.9	6.3	6.4
Kans.	13.9	14.9	16.8	5.8	6.1	6.2
W.M.Cent.	14.64	16.52	17.16	6.0	6.5	6.7
Md.	16.0	18.3	18.0	7.8	8.0	7.3
Va.	12.1	16.0	15.3	5.3	5.9	6.0
W.Va.	10.0	11.5	10.6	4.0	4.3	4.2
N.C.	11.6	12.8	13.1	5.4	5.8	5.9
S.C.	10.7	11.5	11.9	4.0	4.5	5.0
Ga.	8.9	9.1	9.9	4.4	4.9	5.3
S.Atl.	11.76	13.52	13.46	5.1	5.5	5.6
Ky.	10.0	11.2	11.3	5.8	5.8	6.3
Penn.	9.2	10.1	10.9	5.0	5.2	5.8
Ala.	8.3	9.0	7.8	5.2	5.7	6.1
Miss.	6.5	7.1	6.9	4.2	5.1	5.0
Ark.	6.8	7.5	8.5	3.8	4.4	5.4
Okla.	9.5	11.2	11.4	4.4	5.3	4.3
Texas	7.8	9.6	9.8	4.8	5.9	6.2
S.Cent.	8.52	9.73	9.86	4.7	5.3	5.5
Mont.	13.8	15.0	13.9	4.3	4.6	4.0
Idaho	16.9	18.4	17.3	4.1	4.4	4.8
Wyo.	15.2	16.7	17.4	3.6	4.0	4.5
Colo.	14.6	17.7	16.6	4.7	5.4	5.5
Utah	17.9	19.4	19.5	4.4	4.3	4.7
Wash.	16.5	19.2	18.7	5.7	5.9	5.9
Oreg.	13.3	13.9	15.2	4.5	4.4	5.0
Calif.	18.0	19.9	21.9	4.8	5.5	5.5
West.	15.95	17.70	18.46	4.7	5.2	5.3
P.S.	14.27	16.24	16.65	5.78	6.26	6.33

1/Figures for New England States and New Jersey represent combined crop and special dairy reporters; other states, regions, and U.S., crop reporters only. Regional figures include less important dairy States not shown separately.

2/Includes grain, millfeeds and other concentrates.

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1 percent above a year earlier and almost 10 percent above the 1943-52 average for the date. Milk cows were on full supplemental feed over most of the country with 90 percent of the crop correspondents feeding some grain or other concentrates to their milking herds--the third highest for February 1 in the 16 years of record.

Grain and concentrate feeding rates on February 1, 1954 were above a year earlier in all regions except the East North Central and North Atlantic areas where the average quantities fed were unchanged and down slightly, respectively. In the South Central area, crop reporters fed an average of 5.5 pounds of grain per milk cow on February 1, a new record high for the date. In the South Atlantic and West North Central areas, quantities fed averaged 5.6 and 6.7 pounds, respectively, equaling the previous record high. In the other regions, rations fed on February 1 were only 0.1 to 0.3 pound below the record high level for the date. Compared with average for February 1, amounts of grain and concentrates fed showed substantial increases, ranging from 4 percent in the North Atlantic region to 17 percent in the South Central. In the East North Central region, current feeding rates were 6 percent above average; in the South Atlantic, 10 percent; in the West North Central, 12 percent; and in the West, 13 percent. Grain and concentrates fed to milk cows in milk selling areas in January 1954 were valued at \$3.42 per cwt., 9 percent below a year ago, and the lowest for the month since 1950. In cream selling areas, grain and concentrates fed in January were valued at \$3.06 per 100 pounds, down 7 percent from January 1953, and the lowest for the month since 1950. However, whole milk and cream prices were also well below a year ago. The January 1954 milk-feed price ratio was slightly below a year earlier and 4 percent below average, while the January butterfat-feed price ratio was up 3 percent from a year earlier, but was 12 percent below average for the date.