

MILK PRODUCTION

February 13, 1961

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SUMMARY

Milk production in the United States in January is estimated at 9,859 million pounds, 0.4 percent more than the revised estimate for January 1960 and 9 percent above the 1950-59 average for the month. Relative to population, January production was sufficient to provide 1.75 pounds of milk per capita, 1 percent less than in January 1960 and 2 percent less than the 10-year average for the month. Milk production per cow in crop reporters' herds on February 1 averaged 21.04 pounds, slightly above the previous record for the date set a year earlier. Feeding of grain and concentrates was reported at 7.91 pounds per cow on February 1 or 3 percent more than the previous record February 1 rate a year ago.

Table 1.-Monthly milk production on farms, United States, 1950-59 average, 1959-61 ^{1/}

Month	Monthly total					Daily average per capita			
	Average 1950-59	1959	1960	1961	$\frac{1961}{1960}$	Average 1950-59	1959	1960	1961
	Mil. pounds	Mil. pounds	Mil. pounds	Mil. pounds	Percent	Pounds	Pounds	Pounds	Pounds
Jan. ...	9,069	9,730	9,820	9,859	100.4	1.79	1.79	1.77	1.75
Feb. ...	8,808	9,208	9,580			1.92	1.87	1.85	
Mar. ...	10,276	10,623	10,663			2.03	1.94	1.92	
Apr. ...	10,828	11,005	11,020			2.21	2.08	2.05	
May.....	12,440	12,230	12,206			2.46	2.23	2.19	
June....	12,167	11,748	11,689			2.48	2.21	2.17	
July....	11,259	10,773	10,750			2.22	1.96	1.93	
Aug. ...	10,344	9,963	10,006			2.03	1.81	1.79	
Sept. ..	9,267	9,316	9,352			1.88	1.75	1.73	
Oct. ...	8,972	9,240	9,365			1.76	1.68	1.67	
Nov. ...	8,354	8,778	8,974			1.68	1.64	1.66	
Dec. ...	8,807	9,375	9,495			1.72	1.70	1.69	
Year..	120,591	121,989	122,920			2.01	1.89	1.87	

^{1/} 1950-59 average and estimates for 1959 and 1960 revised on basis of data from the 1959 Census of Agriculture and other data which have become available since the original estimates were made.

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

State	Jan. av. 1950-59	Jan. 1960	Dec. 1960	Jan. 1961	State	Jan. av. 1950-59	Jan. 1960	Dec. 1960	Jan. 1961
N. Y.	725	815	820	848	Ga.	90	82	82	81
N. J.	95	99	97	98	Ky.	155	162	167	164
Pa.	478	546	530	538	Tenn. ...	153	141	151	138
Ohio.....	401	424	418	436	Ala.	88	74	75	71
Ind.	263	241	227	234	Miss. ...	98	89	94	88
Ill.	377	327	302	312	Ark.	78	62	64	61
Mich.	396	388	384	382	Okla.	127	106	111	108
Wis.	1,270	1,473	1,395	1,482	Tex.	242	242	218	237
Minn.	777	952	845	960	Mont. ...	35	34	34	32
Iowa.....	460	468	429	473	Idaho....	102	124	125	129
Mo.	272	276	242	267	Wyo.	15.6	14.2	14.0	13.8
N. Dak. ...	115	138	120	134	Colo. ...	67	70	71	70
S. Dak. ...	94	114	102	110	Utah.....	56	63	59	64
Nebr.	160	153	145	155	Wash. ...	129	144	154	144
Kans.	176	152	156	147	Oreg. ...	76	75	74	75
Md.	114	124	118	118	Calif. ..	524	641	644	651
Va.	140	155	155	160	Other States.	496	639	658	665
W. Va. ...	54	51	46	47	U. S. ...	9,069	9,820	9,495	9,859
N. C.	126	118	125	122					
S. C.	44	44	44	44					

^{1/} Monthly data for other States not yet available. 1950-59 average and estimates for 1959 and 1960 revised on basis of data from the 1959 Census of Agriculture and other data which have become available since the original estimates were made.

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

Region	Milk-feed ^{1/}				Milkfat-feed ^{2/}			
	Jan. 15, av. 1950-59	Jan. 15, 1960	Dec. 15, 1960	Jan. 15, 1961	Jan. 15, av. 1950-59	Jan. 15, 1960	Dec. 15, 1960	Jan. 15, 1961
N. Atl. ..	1.32	1.44	1.51	1.41	-	-	-	-
E. N. C. .	1.31	1.41	1.57	1.47	20.7	20.2	21.0	20.3
W. N. C. .	1.40	1.54	1.66	1.57	25.0	27.3	28.0	27.1
S. Atl. ..	1.59	1.71	1.71	1.66	-	-	-	-
S. Cent. .	1.58	1.67	1.75	1.72	16.3	16.6	17.4	17.0
West.	1.39	1.49	1.49	1.48	19.1	19.3	18.6	18.6
U. S. ...	1.37	1.49	1.59	1.50	22.8	24.8	25.3	24.7

^{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, January 15, 1961, with comparisons

[In dollars]

Region	Jan. 15, av. 1950-59	Jan. 15, 1960	Nov. 15, 1960	Dec. 15, 1960	Jan. 15, 1961
N. Atl.	3.79	3.54	3.47	3.48	3.58
E. N. C.	2.99	2.68	2.62	2.66	2.76
W. N. C.	2.68	2.25	2.19	2.22	2.28
S. Atl.	3.64	3.32	3.32	3.32	3.42
S. Cent.	3.41	3.03	2.98	2.99	3.04
West.	3.44	3.17	3.16	3.18	3.21
U. S.					
Milk-selling areas...	3.28	2.93	2.88	2.90	2.98
Cream-selling areas..	2.86	2.41	2.35	2.38	2.44
Combined milk and cream areas.....	3.21	2.89	2.84	2.86	2.94

January milk production above year ago

Milk production in the United States in January is estimated at 9,859 million pounds. This is 0.4 percent more than the revised estimate for January 1960 and 9 percent above the 1950-59 average for the month. Total output of milk in January 1961 was 4 percent more than in December 1960 compared with a seasonal increase of 5 percent from December 1959 to January 1960. Relative to population, January production in 1961 was sufficient to provide 1.75 pounds of milk per capita, 1 percent less than in January 1960 and 2 percent less than the January 1950-59 average.

Milk per cow at record level

Milk production per cow in crop reporters' herds on February 1, averaging 21.04 pounds, exceeded slightly the previous record for the date set in 1960. The rate per cow increased 3 percent from January 1, the same seasonal increase as in 1960. February 1 rates increased from a year earlier in the South Atlantic States and the West, but decreased slightly in the remaining regions. Unusually severe winter weather in the Central regions and the Northeast was unfavorable to milk production. Compared with January 1, production rates increased in all regions except the South Central. Crop reporters milked 73.2 percent of their cows on February 1, compared with 72.6 percent on January 1 and 73.3 percent a year earlier.

Grain feeding rate continues to increase

Feeding of grain and concentrates, reported at 7.91 pounds per cow on February 1, was 3 percent more than the previous record February 1 rate a year ago and 20 percent above the 1950-59 average for that date. The increase of 12 percent from December 1, 1960 was about the same as the 10-year average seasonal gain during this two-month period.

Feeding rates on February 1 were at record levels in all regions of the country. Grain fed per cow ranged from 6.9 pounds in the South Central region and the West, to 8.6 pounds in the North Atlantic and the East North Central. Other regional rates were 8.1 pounds in the West North Central and 7.6 pounds in the South Atlantic. Of all crop correspondents reporting on February 1, 87.6 percent were feeding grain and concentrates to their milk cows, about the same percentage as a year earlier.

Dairy product-feed price ratios continue favorable

The value of grains and concentrates fed to milk cows on January 15 averaged \$2.94 per hundredweight. This was 7 cents higher than a year earlier. Ration values on January 15 averaged \$2.98 in milk-selling areas and \$2.44 in cream-selling areas. The milk-feed price ratio of 1.50 for January 15 compares with 1.49 a year earlier and the record high for the date of 1.52 in 1927 and 1945. The milkfat-feed price ratio, at 24.7, decreased slightly from mid-January 1960.

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/}		
	Feb. 1, 1950-59	Feb. 1, 1960	Feb. 1, 1961	Feb. 1, 1950-59	Feb. 1, 1960	Feb. 1, 1961	Feb. 1, 1950-59	Feb. 1, 1960	Feb. 1, 1961
	Pounds	Pounds	Pounds	Percent	Percent	Percent	Pounds	Pounds	Pounds
Me.	17.6	20.7	22.4	77.0	77.4	77.9	6.8	7.5	8.3
N. H.	19.6	24.8	23.1	78.9	82.6	80.0	6.3	7.7	7.9
Vt.	19.0	22.0	22.8	76.6	79.4	79.6	6.4	7.4	7.8
Mass.	21.1	23.5	24.8	80.0	78.7	80.5	6.8	7.5	8.4
Conn.	21.8	25.9	25.9	79.2	83.0	80.0	7.3	8.6	8.4
N. Y.	22.3	24.9	25.2	74.4	76.4	77.2	7.5	8.3	8.4
N. J.	23.3	25.8	25.2	79.3	79.8	78.7	8.2	9.0	9.4
Pa.	21.5	25.3	24.9	77.2	80.5	79.2	8.4	9.1	9.6
N. Atl.	21.36	24.42	24.40	76.4	78.8	78.1	7.5	8.3	8.6
Ohio.....	19.8	22.7	24.2	74.8	78.1	79.6	7.4	8.8	9.5
Ind.	17.6	21.4	21.1	71.6	76.7	75.0	7.1	8.2	8.3
Ill.	18.9	22.3	22.5	69.8	75.1	75.5	7.6	8.0	8.2
Mich.	21.4	25.5	25.5	77.6	81.7	81.3	7.4	8.2	9.1
Wis.	21.1	25.1	24.9	74.4	79.5	79.1	6.9	8.4	8.3
E. N. Cent.	20.38	24.31	24.23	73.9	79.0	78.8	7.2	8.4	8.6
Minn.	22.9	28.0	27.4	74.2	80.3	79.7	7.3	9.1	8.6
Iowa.	18.6	21.7	22.2	68.2	72.5	72.9	7.9	8.4	9.1
Mo.	12.2	15.1	14.5	60.8	66.5	63.3	5.9	7.3	7.8
N. Dak.	16.0	21.4	20.9	59.6	66.7	66.1	5.9	7.2	7.0
S. Dak.	14.4	18.5	18.6	58.6	64.0	64.6	5.1	5.6	6.1
Nebr.	16.8	18.7	20.0	65.0	68.2	69.4	6.1	6.7	6.7
Kans.	16.6	18.8	19.3	67.2	71.1	69.8	6.7	8.0	8.0
W. N. Cent.	17.77	21.87	21.78	66.6	72.2	71.6	6.8	7.9	8.1
Md.	19.0	21.5	20.9	75.3	76.1	76.7	8.1	8.2	7.9
Va.	15.9	20.5	20.6	68.9	74.1	74.5	6.3	7.4	7.9
W. Va.	11.8	15.5	15.2	64.8	69.7	65.4	4.5	5.6	5.6
N. C.	14.4	16.7	18.2	72.1	75.6	75.1	6.3	7.9	8.7
S. C.	12.6	13.5	13.2	68.3	65.8	67.0	5.2	7.0	7.4
Ga.	10.4	13.0	12.3	59.7	61.8	61.5	5.7	7.0	7.1
S. Atl.	14.53	18.72	19.00	68.7	74.2	75.2	6.0	7.2	7.6
Ky.	11.9	14.6	15.4	60.8	63.6	63.8	6.2	6.9	7.9
Tenn.	11.0	13.0	12.4	64.2	63.5	64.5	5.8	6.3	6.9
Ala.	8.8	8.5	9.0	54.5	50.3	50.6	6.2	7.3	7.0
Miss.	7.7	7.7	7.1	54.2	51.5	51.7	5.3	6.7	5.7
Ark.	8.6	9.6	11.2	52.1	55.2	57.9	5.3	6.2	6.7
La.	7.6	8.7	10.0	47.0	60.0	54.0	4.6	6.0	6.6
Okla.	12.0	14.7	14.7	57.9	65.1	64.3	5.2	7.6	7.5
Tex.	9.8	11.1	11.6	54.6	54.6	51.0	6.1	7.1	6.9
S. Cent.	10.49	12.28	12.15	57.8	59.8	59.5	5.7	6.8	6.9
Mont.	15.1	17.2	16.5	62.8	62.8	63.2	4.6	5.4	4.4
Idaho.....	19.7	22.4	23.2	74.4	75.3	76.5	4.8	5.1	5.7
Wyo.	17.6	20.9	20.5	66.6	71.0	69.9	4.3	5.6	5.0
Colo.	17.5	20.5	20.9	69.0	71.3	72.4	5.7	6.9	6.5
Utah.....	21.0	23.5	23.2	76.6	80.6	79.4	5.1	5.5	5.5
Wash.	19.6	23.7	23.8	76.4	79.1	80.7	6.2	6.7	7.1
Oreg.	15.3	17.1	18.0	66.7	71.3	70.1	5.0	5.5	5.1
Calif.	22.0	26.0	28.0	76.6	78.8	80.4	5.9	7.9	8.2
West.	19.25	23.27	23.69	73.2	76.8	77.5	5.6	6.8	6.9
U. S.	17.40	20.98	21.04	69.0	73.3	73.2	6.59	7.71	7.91

^{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.

MILK COWS AND MILK PRODUCTION, 1960

Milk production in the United States totaled 122,920 million pounds in 1960, about 1 percent more than the revised 1959 production of 121,989 million pounds. Milk production estimates for 1955 through 1959 have been revised on the basis of the 1959 Census of Agriculture and other data now available. (See page 17). Annual milk production per cow increased 3 percent from 1959 to 1960, more than offsetting a 2-percent decline in milk cow numbers.

Most of the increase of 931 million pounds in U. S. milk production from 1959 to 1960 occurred in the North Atlantic and Western regions of the country. New York and Pennsylvania accounted for most of the 3-percent increase in the North Atlantic region. Most of the 3 percent gain in the West was in California and Washington. Milk production in the important North Central area showed little change from 1959, with gains in Ohio, Wisconsin, Minnesota, Iowa, and Missouri offset by declines in other States. Production increased slightly from 1959 in the South Atlantic region, but dropped 2 percent in the South Central. The 5 leading States in 1960 milk production are Wisconsin, New York, Minnesota, California, and Pennsylvania.

Annual milk production per cow set a new record of 7,004 pounds in 1960, up 189 pounds from the previous high in 1959. In the revised series of estimates, annual U. S. output per cow has increased 3 to 4 percent each year since 1954. In the East North Central region, the annual rate increased only 1 percent from 1959, partly due to cold spring weather which delayed turning out herds on pasture. The increase in milk per cow was 3 percent in all other regions except the South Atlantic, where it was 2 percent.

The average number of milk cows on farms during 1960 was 17,549,000, a record low in the series of estimates beginning in 1924. Milk cow numbers have decreased each year since 1953, but the decline from 1959 to 1960 was only 2 percent, compared with 4 to 5 percent in each of the three preceding years.

Throughout the North Atlantic region, milk cow numbers were practically unchanged from 1959 to 1960. In the East North Central region, the decline was only 1 percent, with little change from 1959 in Ohio and Wisconsin. Milk cow numbers held up well in Minnesota, but dropped significantly in all other States of the West North Central region, making a regional decline of 3 percent. Other regional declines were 2 percent in the South Atlantic and 5 percent in the South Central. Most Western States showed little change from 1959.

Cows and heifers 2 years old and over kept for milk totaled 19,291,000 on January 1, 1961. This is 1 percent less than a year earlier, and the smallest number since 1909. These estimates, shown by States on page 16, include heifers 2 years old and over which have not freshened. Heifers 1 to 2 years old kept for milk are estimated at 5,034,000, down 1 percent from January 1, 1960. Heifer calves under 1 year old kept for milk increased 1 percent from a year earlier to 5,611,000 head.

Table 6.-Milk cows and milk production on farms, United States, by months, 1949-58 av., 1959 and 1960 1/

Month	Milk cows on farms 2/			Milk production per cow 3/ 4/			Total milk production on farms 3/		
	Average 1949-58	1959	1960	Average 1949-58	1959	1960	Average 1949-58	1959	1960
UNITED STATES:	<u>Thou.</u>	<u>Thou.</u>	<u>Thou.</u>	<u>Lb.</u>	<u>Lb.</u>	<u>Lb.</u>	<u>Mil. lb.</u>	<u>Mil. lb.</u>	<u>Mil. lb.</u>
January.....	21,190	18,187	17,630	422	535	557	8,905	9,730	9,820
February.....	21,159	18,126	17,611	412	508	544	8,681	9,208	9,580
March.....	21,126	18,067	17,595	483	588	606	10,172	10,623	10,663
April.....	21,093	18,012	17,576	512	611	627	10,775	11,005	11,020
May.....	21,060	17,959	17,563	593	681	695	12,449	12,230	12,206
June.....	21,026	17,909	17,551	582	656	666	12,204	11,748	11,689
July.....	20,993	17,865	17,537	540	603	613	11,309	10,773	10,750
August.....	20,962	17,823	17,524	497	559	571	10,403	9,963	10,006
September.....	20,928	17,779	17,514	444	524	534	9,258	9,316	9,352
October.....	20,895	17,736	17,504	428	521	535	8,911	9,240	9,365
November.....	20,865	17,697	17,494	398	496	513	8,256	8,778	8,974
December.....	20,840	17,655	17,486	419	531	543	8,679	9,375	9,495
Annual.....	21,011	17,901	17,549	5,731	6,815	7,004	120,002	121,989	122,920

1/ Revised on basis of data from the 1959 Census of Agriculture and other data which have become available since the original estimates were made.

2/ Excludes heifers not yet fresh.

3/ Excludes milk sucked by calves.

4/ Annual production per cow may not equal the sum of the monthly estimates because of rounding.

Table 7.-Milk cows and milk production on farms, by States,
1949-58 average, 1959 and 1960 ^{1/}

State and division	Milk cows on farms ^{2/}			Milk production per cow ^{3/}			Total milk production on farms ^{3/}		
	Average 1949-58	1959	1960	Average 1949-58	1959	1960	Average 1949-58	1959	1960
	Thou- sands	Thou- sands	Thou- sands	Pounds	Pounds	Pounds	Million pounds	Million pounds	Million pounds
Me.	109	95	95	6,128	7,380	7,400	666	701	703
N. H.	60	51	51	6,157	7,400	7,400	366	377	377
Vt.	268	258	258	6,185	7,200	7,420	1,657	1,858	1,914
Mass.	115	95	94	6,911	7,890	8,140	789	750	765
R. I.	18	15	15	7,568	8,450	8,500	136	127	128
Conn.	106	90	89	6,844	8,220	8,310	722	740	740
N. Y.	1,322	1,245	1,248	7,073	7,840	8,140	9,351	9,761	10,159
N. J.	148	132	132	7,737	8,710	9,010	1,145	1,150	1,189
Pa.	911	883	884	6,615	7,460	7,700	6,031	6,587	6,807
N. Atl.	3,057	2,864	2,866	6,828	7,699	7,949	20,865	22,051	22,782
Ohio.....	865	692	692	6,333	7,390	7,550	5,435	5,114	5,225
Ind.	608	446	431	6,141	7,230	7,310	3,690	3,225	3,151
Ill.	822	603	561	6,223	7,180	7,360	5,072	4,330	4,129
Mich.	809	650	641	6,666	7,830	7,940	5,366	5,090	5,090
Wis.	2,234	2,162	2,163	7,210	8,240	8,300	16,113	17,815	17,953
E. N. Cent. ...	5,338	4,553	4,488	6,707	7,813	7,921	35,675	35,574	35,548
Minn.	1,359	1,270	1,265	6,413	7,850	8,030	8,716	9,970	10,158
Iowa.....	1,048	871	851	5,828	6,820	7,010	6,077	5,940	5,966
Mo.	859	676	658	4,704	5,470	5,640	4,013	3,698	3,711
N. Dak.	360	289	272	4,866	6,080	6,250	1,746	1,757	1,700
S. Dak.	309	259	248	4,488	5,610	5,680	1,383	1,453	1,409
Nebr.	430	340	327	5,192	5,950	5,980	2,221	2,023	1,955
Kans.	491	349	330	4,847	5,560	5,800	2,357	1,940	1,914
W. N. Cent. ...	4,855	4,054	3,951	5,483	6,606	6,786	26,512	26,781	26,813
Del.	34	28	27	5,728	6,950	7,160	195	195	193
Md.	230	218	217	6,052	6,960	7,060	1,390	1,517	1,532
Va.	406	337	340	4,914	5,880	6,000	1,981	1,982	2,040
W. Va.	188	138	130	4,260	4,980	5,070	796	687	659
N. C.	344	279	275	4,758	5,640	5,650	1,626	1,574	1,554
S. C.	146	115	109	3,995	4,750	4,920	582	546	536
Ga.	304	230	212	3,804	4,570	4,700	1,147	1,051	996
Fla.	162	192	195	4,956	6,460	6,700	815	1,240	1,306
S. Atl.	1,814	1,537	1,505	4,724	5,720	5,858	8,531	8,792	8,816
Ky.	585	511	501	4,224	4,900	4,910	2,464	2,504	2,460
Tenn.	611	500	486	3,869	4,400	4,530	2,358	2,200	2,202
Ala.	344	256	244	3,540	3,900	3,940	1,214	998	961
Miss.	497	388	366	2,885	3,320	3,430	1,429	1,288	1,255
Ark.	357	232	214	3,437	4,150	4,210	1,215	963	901
La.	292	240	232	2,685	3,410	3,630	782	818	842
Okla.	437	274	256	4,093	5,300	5,550	1,752	1,452	1,421
Tex.	848	612	575	3,754	4,850	5,090	3,138	2,968	2,927
S. Cent.	3,972	3,013	2,874	3,637	4,378	4,513	14,352	13,191	12,969
Mont.	102	84	79	5,144	5,600	5,870	524	470	464
Idaho.....	203	204	202	6,796	7,800	8,140	1,382	1,591	1,644
Wyo.	41	32	31	5,356	6,120	6,190	220	196	192
Colo.	157	128	125	5,707	6,650	6,960	892	851	870
N. Mex.	48	43	42	4,571	5,620	5,760	220	242	242
Ariz.	47	50	50	7,000	9,220	9,220	330	461	461
Utah.....	99	96	95	6,986	7,930	8,040	692	761	764
Nev.	14	15	16	6,288	7,330	7,440	88	110	119
Wash.	253	234	233	7,030	7,970	8,510	1,776	1,865	1,983
Oreg.	196	164	162	6,111	6,770	7,060	1,196	1,110	1,144
Calif.	815	830	830	8,258	9,570	9,770	6,746	7,943	8,109
West.	1,976	1,880	1,865	7,120	8,298	8,575	14,066	15,600	15,992
U. S.	21,011	17,901	17,549	5,731	6,815	7,004	120,002	121,989	122,920

^{1/} Revised on basis of data from the 1959 Census of Agriculture and other data which have become available since the original estimates were made.

^{2/} Average number on farms during year, excluding heifers not yet fresh.

^{3/} Excludes milk sucked by calves.

Table 8.-Milk cows and milk production on farms, selected States,
by months, 1949-58 av., 1959 and 1960 1/

State and month	Milk cows on farms 2/			Milk production per cow 3/			Total milk production on farms 3/		
	Average 1949-58	1959	1960	Average 1949-58	1959	1960	Average 1949-58	1959	1960
NEW YORK:	<u>Thou.</u>	<u>Thou.</u>	<u>Thou.</u>	<u>Lb.</u>	<u>Lb.</u>	<u>Lb.</u>	<u>Mil.lb.</u>	<u>Mil.lb.</u>	<u>Mil.lb.</u>
January.....	1,323	1,254	1,239	533	621	658	706	779	815
February.....	1,323	1,252	1,240	506	581	635	670	727	787
March.....	1,323	1,250	1,242	621	694	729	822	868	905
April.....	1,323	1,248	1,244	662	726	756	876	906	940
May.....	1,323	1,246	1,246	758	807	836	1,003	1,006	1,042
June.....	1,323	1,245	1,248	735	780	772	972	971	963
July.....	1,323	1,243	1,249	616	646	662	814	803	827
August.....	1,323	1,242	1,250	550	576	605	726	715	756
September.....	1,322	1,241	1,252	524	590	595	692	732	745
October.....	1,321	1,240	1,253	542	618	636	716	766	797
November.....	1,320	1,239	1,255	497	576	607	656	714	762
December.....	1,319	1,238	1,255	528	625	653	696	774	820
NEW JERSEY:									
January.....	149	133	132	638	695	753	95	92	99
February.....	149	132	132	596	664	731	88	88	96
March.....	149	132	132	684	765	806	102	101	106
April.....	148	132	132	683	768	798	101	101	105
May.....	148	132	132	753	846	869	112	112	115
June.....	148	132	132	672	755	760	100	100	100
July.....	148	132	133	621	710	711	92	94	95
August.....	148	132	133	629	711	719	93	94	96
September.....	148	132	133	613	690	708	91	91	94
October.....	148	132	132	622	700	719	92	92	95
November.....	148	132	132	595	672	690	88	89	91
December.....	148	131	131	626	730	742	92	96	97
PENNSYLVANIA:									
January.....	911	888	880	513	580	620	468	515	546
February.....	911	887	880	484	538	586	442	477	516
March.....	911	886	881	577	660	687	526	585	605
April.....	911	885	882	592	670	685	539	593	604
May.....	911	884	884	674	764	774	615	675	684
June.....	912	883	884	620	697	702	565	615	621
July.....	912	882	885	571	617	625	520	544	553
August.....	912	882	885	551	606	624	502	534	552
September.....	912	881	886	526	590	605	480	520	536
October.....	911	881	887	523	600	610	477	529	541
November.....	911	880	888	482	563	584	439	495	519
December.....	911	880	888	503	574	597	458	505	530
OHIO:									
January.....	878	698	690	457	573	615	397	400	424
February.....	876	696	690	433	526	579	376	366	400
March.....	873	694	690	505	598	624	438	415	431
April.....	871	693	690	531	618	635	459	428	438
May.....	869	692	691	645	730	740	556	505	511
June.....	866	691	691	625	695	684	538	480	473
July.....	864	690	692	592	648	648	509	447	448
August.....	862	690	692	565	619	624	484	427	432
September.....	860	690	693	528	607	610	450	419	423
October.....	857	690	694	517	614	617	438	424	428
November.....	855	690	695	467	568	574	394	392	399
December.....	853	690	696	468	596	600	394	411	418

See footnotes at end of table.

Table 8.-Milk cows and milk production on farms, selected States,
by months, 1949-58 av., 1959 and 1960 1/--Con.

State and month	Milk cows on farms 2/			Milk production per cow 3/			Total milk production on farms 3/		
	Average 1949-58	1959	1960	Average 1949-58	1959	1960	Average 1949-58	1959	1960
	Thou.	Thou.	Thou.	Lb.	Lb.	Lb.	Mil.lb.	Mil.lb.	Mil.lb.
INDIANA:									
January.....	620	460	434	431	536	555	263	247	241
February.....	618	457	433	430	525	555	262	240	240
March.....	616	454	433	492	579	605	299	263	262
April.....	613	451	432	511	600	610	309	271	264
May.....	611	448	432	634	730	730	383	327	315
June.....	609	446	431	617	706	700	372	315	302
July.....	607	444	431	593	659	661	357	293	285
August.....	605	442	430	570	650	640	341	287	275
September.....	603	440	430	522	600	600	311	264	253
October.....	601	438	430	481	580	585	286	254	252
November.....	599	436	429	430	535	535	254	233	230
December.....	597	435	429	432	530	530	253	231	227
ILLINOIS:									
January.....	837	626	574	460	548	570	381	343	327
February.....	834	622	571	457	540	576	377	336	329
March.....	831	618	568	524	603	627	432	373	355
April.....	829	614	566	539	614	640	443	377	362
May.....	826	610	564	637	713	740	522	435	417
June.....	823	606	562	612	687	694	501	416	390
July.....	820	602	560	580	658	660	473	396	370
August.....	818	597	558	554	621	640	450	371	357
September.....	814	592	556	495	568	580	400	336	322
October.....	812	587	554	472	561	555	380	329	307
November.....	809	582	552	436	520	525	349	303	290
December.....	806	577	550	456	546	549	364	315	302
MICHIGAN:									
January.....	819	656	647	483	600	600	394	394	388
February.....	817	654	646	468	560	575	381	366	371
March.....	815	652	644	550	640	660	447	417	425
April.....	813	651	643	568	675	690	460	439	444
May.....	811	650	642	654	740	750	529	481	482
June.....	809	649	640	672	755	725	542	490	464
July.....	807	649	639	621	676	680	499	439	435
August.....	805	649	639	593	670	675	476	435	431
September.....	804	649	638	549	645	660	439	419	421
October.....	802	649	638	532	640	685	424	415	437
November.....	801	649	638	480	605	640	382	393	408
December.....	800	648	638	497	620	602	394	402	384
WISCONSIN:									
January.....	2,235	2,180	2,151	548	693	685	1,227	1,511	1,473
February.....	2,235	2,176	2,152	540	656	675	1,209	1,427	1,453
March.....	2,234	2,172	2,154	649	761	765	1,452	1,653	1,648
April.....	2,234	2,168	2,156	684	782	785	1,530	1,695	1,692
May.....	2,234	2,164	2,158	780	866	846	1,742	1,874	1,826
June.....	2,234	2,160	2,160	782	832	831	1,747	1,797	1,795
July.....	2,234	2,158	2,163	673	716	717	1,504	1,545	1,551
August.....	2,234	2,156	2,166	581	618	622	1,297	1,332	1,347
September.....	2,233	2,154	2,169	500	569	580	1,116	1,226	1,258
October.....	2,233	2,152	2,172	484	568	587	1,080	1,222	1,275
November.....	2,233	2,151	2,176	466	549	570	1,041	1,181	1,240
December.....	2,233	2,150	2,180	523	629	640	1,168	1,352	1,395

See footnotes at end of table.

Table 8.-Milk cows and milk production on farms, selected States, by months, 1949-58 av., 1959 and 1960 1/--Con.

State and month	Milk cows on farms 2/			Milk production per cow 3/			Total milk production on farms 3/		
	Average 1949-58	1959	1960	Average 1949-58	1959	1960	Average 1949-58	1959	1960
	Thou.	Thou.	Thou.	Lb.	Lb.	Lb.	Mil.lb.	Mil.lb.	Mil.lb.
MINNESOTA:									
January.....	1,366	1,284	1,261	548	740	755	749	950	952
February.....	1,365	1,282	1,262	549	715	770	750	917	972
March.....	1,364	1,276	1,263	636	815	820	868	1,040	1,036
April.....	1,362	1,273	1,264	632	795	800	860	1,012	1,011
May.....	1,360	1,273	1,265	695	820	840	945	1,044	1,063
June.....	1,358	1,270	1,265	682	775	805	926	984	1,018
July.....	1,357	1,267	1,265	562	640	650	763	811	822
August.....	1,356	1,265	1,266	450	485	490	610	614	620
September.....	1,356	1,263	1,267	366	425	425	496	537	538
October.....	1,356	1,262	1,268	372	455	470	504	574	596
November.....	1,355	1,260	1,269	408	520	540	552	655	685
December.....	1,355	1,260	1,270	511	660	665	692	832	845
IOWA:									
January.....	1,060	891	854	432	547	548	455	487	468
February.....	1,058	887	853	420	521	547	442	462	467
March.....	1,055	883	852	490	596	610	514	526	520
April.....	1,053	879	851	504	610	630	528	536	536
May.....	1,051	875	850	608	693	720	637	606	612
June.....	1,049	870	850	614	694	722	642	604	614
July.....	1,046	867	850	570	641	651	595	556	553
August.....	1,044	865	850	511	570	591	532	493	502
September.....	1,042	862	850	443	506	514	460	436	437
October.....	1,040	860	850	425	488	509	440	420	433
November.....	1,038	858	850	392	446	465	404	383	395
December.....	1,036	855	850	418	504	505	430	431	429
MISSOURI:									
January.....	868	687	664	312	399	415	269	274	276
February.....	867	685	663	301	380	410	258	260	272
March.....	865	683	662	352	414	435	303	283	288
April.....	864	681	661	404	473	495	347	322	327
May.....	862	679	660	500	567	590	429	385	389
June.....	860	677	659	490	549	575	419	372	379
July.....	858	675	658	480	544	560	410	367	368
August.....	856	673	657	460	520	530	392	350	348
September.....	854	671	656	407	460	465	346	309	305
October.....	852	669	655	371	422	415	314	282	272
November.....	850	667	654	316	376	375	266	251	245
December.....	848	665	653	311	365	370	261	243	242
NORTH DAKOTA:									
January.....	364	298	278	306	460	498	111	137	138
February.....	363	296	277	336	465	525	121	138	145
March.....	363	294	276	401	535	559	145	157	154
April.....	362	293	275	432	560	565	156	164	155
May.....	361	291	274	532	650	669	192	189	183
June.....	361	290	273	598	660	675	216	191	184
July.....	360	288	272	560	620	615	201	179	167
August.....	359	287	271	465	520	511	167	149	138
September.....	358	285	270	360	425	409	129	121	110
October.....	358	283	269	306	390	395	109	110	106
November.....	357	282	268	269	355	375	96	100	100
December.....	357	280	267	297	435	451	105	122	120

See footnotes at end of table.

Table 8.-Milk cows and milk production on farms, selected States, by months, 1949-58 av., 1959 and 1960 1/--Con.

State and month	Milk cows on farms 2/			Milk production per cow 3/			Total milk production on farms 3/		
	Average 1949-58	1959	1960	Average 1949-58	1959	1960	Average 1949-58	1959	1960
SOUTH DAKOTA:	Thou.	Thou.	Thou.	Lb.	Lb.	Lb.	Mil.lb.	Mil.lb.	Mil.lb.
January.....	313	264	252	294	425	454	92	112	114
February.....	312	263	251	313	445	460	97	117	115
March.....	311	262	251	366	500	490	114	131	123
April.....	311	261	250	391	500	515	121	130	129
May.....	310	260	249	497	574	584	154	149	145
June.....	310	259	249	523	585	595	162	152	148
July.....	309	259	248	489	545	554	151	141	137
August.....	308	258	247	408	455	455	125	117	112
September.....	307	257	246	340	405	405	104	104	100
October.....	307	256	246	299	385	385	91	99	95
November.....	306	255	245	274	370	365	83	94	89
December.....	306	254	245	293	420	415	89	107	102
NEBRASKA:									
January.....	435	348	332	369	440	460	159	153	153
February.....	434	346	331	369	435	435	159	151	144
March.....	433	344	330	429	510	475	185	175	157
April.....	432	342	329	467	540	540	201	185	178
May.....	431	341	328	561	630	629	241	215	206
June.....	430	340	327	566	620	619	243	211	202
July.....	429	338	326	529	564	595	226	191	194
August.....	428	337	326	467	510	525	199	172	171
September.....	427	336	325	387	448	450	165	151	146
October.....	426	335	324	359	420	420	152	141	136
November.....	424	334	323	332	388	380	140	130	123
December.....	423	333	323	357	445	450	150	148	145
KANSAS:									
January.....	501	358	338	360	445	450	178	159	152
February.....	499	356	336	352	410	444	173	146	149
March.....	497	355	334	409	469	474	201	166	158
April.....	496	353	332	442	494	500	217	174	166
May.....	494	352	331	507	554	587	248	195	194
June.....	492	350	330	470	498	546	230	174	180
July.....	490	349	329	434	465	500	212	162	164
August.....	488	347	328	416	450	476	203	156	156
September.....	486	346	327	366	430	454	177	149	148
October.....	484	344	327	358	439	440	172	151	144
November.....	482	342	326	358	440	450	170	150	147
December.....	481	340	326	372	466	480	176	158	156
MARYLAND:									
January.....	230	219	217	483	550	573	111	120	124
February.....	230	219	217	456	520	549	105	114	119
March.....	230	219	217	509	570	585	117	125	127
April.....	230	219	217	516	578	585	118	127	127
May.....	230	218	217	585	666	669	134	145	145
June.....	230	218	217	517	596	581	119	130	126
July.....	230	218	217	496	598	585	114	130	127
August.....	230	218	217	514	608	621	118	133	135
September.....	230	217	217	502	598	599	116	130	130
October.....	230	217	217	508	605	613	117	131	133
November.....	230	217	217	476	540	556	109	117	121
December.....	230	217	217	491	531	545	113	115	118

See footnotes at end of table.

Table 8.-Milk cows and milk production on farms, selected States, by months, 1949-58 av., 1959 and 1960 1/--Con.

State and month	Milk cows on farms 2/			Milk production per cow 3/			Total milk production on farms 3/		
	Average 1949-58	1959	1960	Average 1949-58	1959	1960	Average 1949-58	1959	1960
	Thou.	Thou.	Thou.	Lb.	Lb.	Lb.	Mil.lb.	Mil.lb.	Mil.lb.
VIRGINIA:									
January.....	410	337	340	340	420	455	139	142	155
February.....	409	337	340	320	395	420	130	133	143
March.....	408	336	340	366	440	430	148	148	146
April.....	407	336	340	398	470	460	161	158	156
May.....	407	337	340	471	547	555	190	184	189
June.....	406	337	340	464	530	550	188	179	187
July.....	406	337	340	468	535	560	189	180	190
August.....	405	337	340	473	555	568	191	187	193
September.....	404	338	340	452	545	547	181	184	186
October.....	404	338	340	424	520	526	170	176	179
November.....	403	339	340	375	470	473	150	159	161
December.....	402	340	340	363	448	457	144	152	155
WEST VIRGINIA:									
January.....	191	142	133	288	345	387	55	49	51
February.....	190	141	133	273	325	364	52	46	48
March.....	190	140	132	317	390	402	60	55	53
April.....	190	139	132	345	415	425	65	58	56
May.....	189	138	131	423	485	485	79	67	64
June.....	189	138	131	433	480	480	81	66	63
July.....	188	138	130	424	475	465	79	66	60
August.....	188	138	129	401	450	437	75	62	56
September.....	187	137	129	375	430	428	70	59	55
October.....	187	136	129	362	422	436	67	57	56
November.....	186	135	128	318	385	398	59	52	51
December.....	185	134	128	300	375	363	55	50	46
NORTH CAROLINA:									
January.....	347	281	277	359	447	425	124	126	118
February.....	346	281	277	335	413	420	115	116	116
March.....	345	280	277	368	443	438	126	124	121
April.....	345	280	276	409	478	462	140	134	128
May.....	344	280	276	452	527	527	155	148	145
June.....	344	279	275	428	498	497	146	139	137
July.....	343	279	275	438	501	486	150	140	134
August.....	342	278	275	428	501	487	146	139	134
September.....	342	278	274	411	482	500	140	134	137
October.....	342	278	273	390	462	490	133	128	134
November.....	341	277	273	367	440	458	124	122	125
December.....	341	277	273	373	447	459	126	124	125
SOUTH CAROLINA:									
January.....	148	120	110	299	385	400	44	46	44
February.....	147	119	110	288	340	361	42	40	40
March.....	147	119	110	338	425	424	49	50	47
April.....	147	117	109	356	442	450	52	52	49
May.....	146	116	109	370	410	420	54	48	46
June.....	146	115	109	350	378	389	51	43	42
July.....	146	115	109	356	400	400	52	46	44
August.....	146	114	109	365	410	432	53	47	47
September.....	145	113	109	339	400	425	49	45	46
October.....	145	112	108	326	390	410	47	44	44
November.....	145	111	108	303	380	395	44	42	43
December.....	145	110	108	311	390	410	45	43	44

See footnotes at end of table.

Table 8.-Milk cows and milk production on farms, selected States, by months, 1949-58 av., 1959 and 1960 1/--Con.

State and month	Milk cows on farms 2/			Milk production per cow 3/			Total milk production on farms 3/		
	Average 1949-58	1959	1960	Average 1949-58	1959	1960	Average 1949-58	1959	1960
	Thou.	Thou.	Thou.	Lb.	Lb.	Lb.	Mil.lb.	Mil.lb.	Mil.lb.
GEORGIA:									
January.....	307	241	216	295	372	381	90	90	82
February.....	306	239	215	283	338	360	86	81	77
March.....	306	237	214	324	370	379	98	88	81
April.....	305	235	213	339	400	394	103	94	84
May.....	305	233	213	345	410	412	105	96	88
June.....	304	231	212	329	371	402	100	86	85
July.....	304	229	212	334	375	393	101	86	83
August.....	303	227	211	329	380	397	99	86	84
September.....	302	225	211	319	385	398	96	87	84
October.....	302	223	210	312	390	403	93	87	85
November.....	301	221	210	293	390	387	87	86	81
December.....	300	218	210	300	385	390	89	84	82
KENTUCKY:									
January.....	588	519	505	260	310	320	153	161	162
February.....	587	517	504	256	300	310	150	155	156
March.....	586	515	503	299	360	365	175	185	184
April.....	586	513	502	352	413	425	206	212	213
May.....	585	512	501	446	492	495	260	252	248
June.....	585	511	501	442	485	480	258	248	240
July.....	584	510	501	443	494	495	258	252	248
August.....	584	509	500	440	521	505	257	265	252
September.....	583	508	500	386	460	435	224	234	218
October.....	583	507	499	344	400	395	200	203	197
November.....	582	506	499	289	340	350	168	172	175
December.....	581	505	498	267	326	335	155	165	167
TENNESSEE:									
January.....	615	510	491	248	280	287	152	143	141
February.....	615	508	490	236	261	279	145	133	137
March.....	614	506	489	287	316	326	176	160	159
April.....	614	504	488	336	380	381	206	192	186
May.....	613	502	487	402	445	456	245	223	222
June.....	612	500	486	390	435	452	238	218	220
July.....	611	498	485	397	445	461	242	222	224
August.....	610	496	484	392	455	461	238	226	223
September.....	610	495	483	346	415	416	210	205	201
October.....	609	494	483	310	360	375	188	178	181
November.....	608	493	482	269	310	326	163	153	157
December.....	607	492	482	257	299	314	156	147	151
ALABAMA:									
January.....	348	266	247	256	286	298	89	76	74
February.....	348	264	246	251	265	283	87	70	70
March.....	347	262	246	290	298	300	100	78	74
April.....	346	260	245	314	342	340	108	89	83
May.....	345	258	245	336	375	371	116	97	91
June.....	345	257	244	329	362	360	113	93	88
July.....	344	255	244	337	365	358	116	93	87
August.....	344	263	243	321	352	351	110	89	85
September.....	343	251	243	295	339	337	101	85	82
October.....	342	250	242	283	316	326	96	79	79
November.....	341	249	241	262	293	304	89	73	73
December.....	341	247	240	265	308	313	90	76	75

See footnotes at end of table.

Table 8.-Milk cows and milk production on farms, selected States,
by months, 1949-58 av., 1959 and 1960 1/--Con.

State and month	Milk cows on farms 2/			Milk production per cow 3/			Total milk production on farms 3/		
	Average 1949-58	1959	1960	Average 1949-58	1959	1960	Average 1949-58	1959	1960
	Thou.	Thou.	Thou.	Lb.	Lb.	Lb.	Mil.lb.	Mil.lb.	Mil.lb.
MISSISSIPPI:									
January.....	500	402	372	197	225	240	98	90	89
February.....	500	399	370	194	220	230	97	88	85
March.....	499	396	369	237	255	255	118	101	94
April.....	498	393	369	270	300	300	134	118	111
May.....	498	390	368	304	335	335	151	131	123
June.....	497	388	367	288	325	325	143	126	119
July.....	496	386	366	287	320	315	142	124	115
August.....	496	384	365	266	305	320	132	117	117
September.....	495	382	364	232	285	310	114	109	113
October.....	494	380	363	215	265	285	106	101	103
November.....	494	378	362	197	240	255	97	91	92
December.....	492	374	360	198	245	260	97	92	94
ARKANSAS:									
January.....	364	243	219	222	270	285	80	66	62
February.....	363	241	218	217	264	275	78	64	60
March.....	362	239	217	254	300	310	91	72	67
April.....	360	237	216	300	340	345	107	81	75
May.....	359	235	215	357	420	425	127	99	91
June.....	358	233	214	352	416	421	125	97	90
July.....	357	231	213	347	420	419	123	97	89
August.....	356	229	213	337	400	398	119	92	85
September.....	354	227	212	294	360	365	103	82	77
October.....	353	224	212	265	330	345	93	74	73
November.....	351	222	211	249	320	321	86	71	68
December.....	350	220	210	244	310	303	83	68	64
OKLAHOMA:									
January.....	449	286	262	295	385	405	129	110	106
February.....	446	283	261	294	380	430	128	108	112
March.....	444	281	260	341	435	460	148	122	120
April.....	442	279	259	373	460	490	161	128	127
May.....	440	277	258	429	510	540	186	141	139
June.....	438	275	257	399	490	505	173	135	130
July.....	436	273	255	381	470	500	164	128	128
August.....	434	271	254	364	460	465	156	125	118
September.....	432	269	253	317	430	430	134	116	109
October.....	430	267	252	310	435	440	130	116	111
November.....	428	265	251	291	425	440	121	113	110
December.....	425	263	250	296	420	445	122	110	111
TEXAS:									
January.....	865	633	590	284	379	410	240	240	242
February.....	862	630	587	277	370	400	234	233	235
March.....	860	626	585	328	435	460	276	272	269
April.....	856	622	582	342	420	448	289	261	261
May.....	853	617	580	358	435	455	303	268	264
June.....	850	614	577	344	435	454	290	267	262
July.....	847	610	574	334	430	450	280	262	258
August.....	843	607	571	320	430	445	268	261	254
September.....	840	603	568	292	375	390	242	226	222
October.....	836	598	565	297	380	395	245	227	223
November.....	833	595	562	289	380	390	235	226	219
December.....	830	592	560	291	380	390	236	225	218

See footnotes at end of table.

Table 8.-Milk cows and milk production on farms, selected States, by months, 1949-58 av., 1959 and 1960 1/-Con.

State and month	Milk cows on farms 2/			Milk production per cow 3/			Total milk production on farms 3/		
	Average 1949-58	1959	1960	Average 1949-58	1959	1960	Average 1949-58	1959	1960
MONTANA:	<u>Thou.</u>	<u>Thou.</u>	<u>Thou.</u>	<u>Lb.</u>	<u>Lb.</u>	<u>Lb.</u>	<u>Mil.lb.</u>	<u>Mil.lb.</u>	<u>Mil.lb.</u>
January.....	104	86	81	342	405	420	35	35	34
February.....	104	85	80	337	390	415	35	33	33
March.....	103	85	79	394	438	450	40	37	36
April.....	103	85	79	428	477	480	44	41	38
May.....	103	84	79	530	590	610	54	50	48
June.....	102	84	79	567	590	620	58	50	49
July.....	102	83	79	541	563	575	55	47	45
August.....	102	83	79	481	490	510	49	41	40
September.....	102	83	79	425	440	465	43	37	37
October.....	101	82	79	400	421	450	40	35	36
November.....	101	82	78	348	394	435	35	32	34
December.....	101	81	77	348	398	440	35	32	34
IDAHO:									
January.....	203	204	204	480	583	610	98	119	124
February.....	203	204	204	464	549	593	94	112	121
March.....	203	204	204	550	642	675	112	131	138
April.....	203	204	203	602	686	719	122	140	146
May.....	203	204	202	702	780	802	143	159	162
June.....	203	204	202	691	755	800	140	154	162
July.....	203	204	201	666	740	766	135	151	154
August.....	203	204	201	615	696	713	125	142	143
September.....	203	204	201	544	613	642	111	125	129
October.....	203	204	200	523	593	620	106	121	124
November.....	203	204	200	470	564	580	96	115	116
December.....	203	204	200	489	598	623	100	122	125
WYOMING:									
January.....	41.9	32.5	31.5	380	430	450	15.9	14.0	14.2
February.....	41.8	32.5	31.5	363	425	440	15.0	13.8	13.9
March.....	41.6	32.3	31.5	418	466	480	17.3	15.1	15.1
April.....	41.3	32.3	31.3	448	494	520	18.5	16.0	16.3
May.....	41.3	32.0	31.2	511	590	617	21.2	18.9	19.3
June.....	41.3	32.0	31.0	571	660	650	23.5	21.1	20.2
July.....	41.2	32.0	31.0	558	638	618	22.8	20.4	19.2
August.....	41.2	31.8	31.0	494	559	547	20.2	17.8	17.0
September.....	41.1	31.8	30.8	439	500	495	18.0	15.9	15.2
October.....	40.4	31.8	30.5	417	478	475	16.8	15.2	14.5
November.....	40.4	31.5	30.2	375	425	435	15.0	13.4	13.1
December.....	40.3	31.5	30.0	391	457	465	15.5	14.4	14.0
COLORADO:									
January.....	159	131	126	420	505	556	66	66	70
February.....	159	130	126	417	490	540	66	64	68
March.....	158	130	126	480	560	572	76	73	72
April.....	158	129	125	505	590	584	79	76	73
May.....	158	129	125	554	630	640	87	81	80
June.....	157	128	125	556	600	630	87	77	79
July.....	157	128	125	544	580	630	85	74	79
August.....	157	127	125	501	550	588	78	70	74
September.....	156	127	124	440	515	538	68	65	67
October.....	156	126	124	433	535	558	67	67	69
November.....	155	126	124	416	530	548	64	67	68
December.....	155	126	123	443	565	576	68	71	71

See footnotes at end of table.

Table 8.-Milk cows and milk production on farms, selected States,
by months, 1949-58 av., 1959 and 1960 ^{1/}--Con.

State and month	Milk cows on farms ^{2/}			Milk production per cow ^{3/}			Total milk production on farms ^{3/}		
	Average 1949-58	1959	1960	Average 1949-58	1959	1960	Average 1949-58	1959	1960
UTAH:	Thou.	Thou.	Thou.	Lb.	Lb.	Lb.	Mil.lb.	Mil.lb.	Mil.lb.
January.....	99	96	95	553	640	660	55	61	63
February.....	99	96	95	524	600	630	52	58	60
March.....	99	96	95	588	680	705	58	65	67
April.....	99	96	95	610	690	720	60	66	68
May.....	99	96	95	674	730	760	67	70	72
June.....	99	96	95	675	710	730	67	68	69
July.....	99	96	95	645	700	700	64	67	66
August.....	99	96	95	596	665	660	59	64	63
September.....	99	96	95	529	635	620	52	61	59
October.....	99	96	95	540	645	640	53	62	61
November.....	99	96	95	504	600	595	50	58	57
December.....	99	96	95	544	635	620	54	61	59
WASHINGTON:									
January.....	254	236	233	501	580	620	127	137	144
February.....	254	235	233	477	560	615	121	132	143
March.....	254	235	233	560	645	685	142	152	160
April.....	254	235	233	621	700	740	157	164	172
May.....	253	234	233	742	810	878	188	190	205
June.....	253	234	233	712	770	828	180	180	193
July.....	253	234	233	666	720	760	168	168	177
August.....	253	234	233	623	685	720	157	160	168
September.....	252	233	233	570	651	685	143	152	160
October.....	252	233	233	554	640	680	140	149	158
November.....	252	233	233	500	590	640	126	137	149
December.....	251	233	233	506	620	660	127	144	154
OREGON:									
January.....	198	166	164	385	445	458	76	74	75
February.....	198	165	164	376	420	440	74	69	72
March.....	198	165	163	477	530	553	94	87	90
April.....	197	165	163	572	639	670	112	105	109
May.....	197	164	162	679	759	798	133	124	129
June.....	196	164	162	660	710	759	129	116	123
July.....	196	164	162	630	685	703	123	112	114
August.....	196	164	162	569	630	648	111	103	105
September.....	196	164	162	496	550	574	97	90	93
October.....	195	164	161	461	505	528	89	83	85
November.....	194	164	161	413	450	466	80	74	75
December.....	194	164	160	397	445	463	77	73	74
CALIFORNIA:									
January.....	813	830	830	620	725	772	506	602	641
February.....	814	830	830	593	675	742	484	560	616
March.....	814	830	830	707	810	843	576	672	700
April.....	814	830	830	743	840	857	606	697	711
May.....	814	830	830	784	880	886	640	730	735
June.....	815	830	830	748	839	843	610	696	700
July.....	815	830	830	752	855	852	614	710	707
August.....	815	830	830	724	837	840	591	695	697
September.....	816	830	830	666	784	794	545	651	659
October.....	817	830	830	662	795	799	542	660	663
November.....	818	830	830	626	759	766	513	630	636
December.....	818	830	830	633	771	776	519	640	644

^{1/} Revised on basis of data from the 1959 Census of Agriculture and other data which have become available since the original estimates were made.

^{2/} Excludes heifers not yet fresh.

^{3/} Excludes milk sucked by calves.

Table 9.-Cows, heifers, and heifer calves kept for milk on farms, January 1,
by States, 1950-59 average, 1960 and 1961 ^{1/}

[In thousands]

State and division	Cows and heifers 2 years old and over kept for milk			Heifers 1 to 2 years old kept for milk cows			Heifer calves under 1 year kept for milk cows		
	Average 1950-59	1960	1961	Average 1950-59	1960	1961	Average 1950-59	1960	1961
Me.	118	105	106	36	31	31	38	32	34
N. H.	68	58	58	18	15	16	19	17	17
Vt.	300	285	288	63	59	59	67	65	67
Mass.	122	101	102	23	19	19	24	20	21
R. I.	19	16	15	2	2	2	3	2	2
Conn.	115	97	99	23	21	21	24	21	22
N. Y.	1,440	1,366	1,393	317	307	308	326	311	313
N. J.	153	140	139	26	22	22	25	24	23
Pa.	1,000	978	988	251	242	252	266	278	283
N. Atl.	3,335	3,146	3,188	760	718	730	791	770	782
Ohio.....	929	765	757	227	191	191	240	201	209
Ind.	627	478	473	146	127	122	157	138	127
Ill.	878	648	616	242	190	177	287	222	211
Mich.	881	715	694	240	211	205	255	228	228
Wis.	2,476	2,402	2,426	609	645	651	641	676	696
E. N. Cent. ...	5,791	5,008	4,966	1,463	1,364	1,346	1,580	1,465	1,471
Minn.	1,488	1,407	1,407	412	418	418	434	437	454
Iowa.....	1,112	943	934	260	255	245	276	261	245
Mo.	908	723	709	192	187	174	216	202	212
N. Dak.	394	305	287	88	65	64	107	74	74
S. Dak.	338	281	273	80	55	56	116	83	84
Nebr.	448	356	347	107	91	85	120	98	96
Kans.	530	390	370	119	101	99	132	112	117
W. N. Cent. ...	5,216	4,405	4,327	1,258	1,172	1,141	1,401	1,267	1,282
Del.	36	30	29	8	7	7	9	7	7
Md.	243	230	232	57	56	57	59	58	62
Va.	446	382	382	94	96	98	108	106	110
W. Va.	203	148	141	39	30	31	40	34	35
N. C.	363	305	299	83	88	87	92	95	94
S. C.	162	122	120	37	30	31	42	35	35
Ga.	330	240	233	89	62	61	97	68	71
Fla.	179	213	213	57	59	61	69	68	70
S. Atl.	1,963	1,670	1,649	466	428	433	515	471	484
Ky.	645	561	555	120	139	138	132	146	146
Tenn.	655	532	521	124	117	122	137	133	133
Ala.	381	270	262	116	78	76	130	84	84
Miss.	553	425	404	128	113	113	142	130	127
Ark.	388	241	229	94	59	58	109	65	64
La.	330	277	274	78	66	69	88	77	79
Okla.	463	289	275	114	79	75	145	93	89
Tex.	918	649	610	209	165	160	234	190	186
S. Cent.	4,333	3,244	3,130	984	816	811	1,117	918	913
Mont.	109	87	82	24	18	18	32	27	25
Idaho.....	229	228	221	67	78	78	82	91	93
Wyo.	46	35	33	12	8	8	13	10	9
Colo.	169	139	135	45	41	41	54	50	50
N. Mex.	52	46	45	11	10	11	13	13	12
Ariz.	50	53	53	13	14	14	14	16	17
Utah.....	108	108	107	28	31	31	33	35	35
Nev.	17	17	18	7	7	7	9	8	8
Wash.	280	261	261	67	72	75	82	85	87
Oreg.	217	181	177	57	52	50	70	64	67
Calif.	888	899	899	237	250	240	262	285	276
West.	2,165	2,054	2,031	568	581	573	664	684	679
U. S.	22,802	19,527	19,291	5,498	5,079	5,034	6,068	5,575	5,611

^{1/} 1950-59 average and estimates for January 1, 1960 revised.

Revised Estimates of Milk Production, 1955-59

With totals recently available from the 1959 Census of Agriculture taken by the Bureau of the Census, the Department of Agriculture has now revised the estimates of milk cow numbers and milk production for 1955-59. Current estimates are based upon information supplied by a sample of dairy farmers located throughout the United States. Every five years these estimates are adjusted, if necessary, toward the more complete information obtained by the Census from all farms.

Sharp changes have occurred in the recent years in milk cow numbers, farm uses of milk and the number of farms. This has made the problems of estimating milk production more difficult. The Censuses of Agriculture indicate a drop of 39 percent in the number of farms with milk cows between 1954 and 1959 and yet the number of milk cows decreased only 18 percent. This shows that there has been a sharp shift toward larger herds and fewer dairy farms during this 5-year period. Sample data available currently did not fully measure the extent of this shift.

Consequently, total milk production estimates have been revised downward, as follows: 1.9 percent for 1959; 1.3 percent for 1958; 1.0 percent for 1957; 0.5 percent for 1956; but only 0.1 percent for 1955. The annual average number of milk cows estimated for 1959 was revised down 7 percent but a considerable part of this decrease was offset by an upward revision in the rate of milk production per cow.

Despite the appreciable revision of the total 1959 milk production estimate to a lower level, the quantity of milk marketed by farmers during 1959 is expected to be only about one-half percent smaller than previously estimated. It is apparent that the sharpest downward revision in milk disposition from farms will be in the estimates of the quantity of milk used in farm-churned butter, fed to calves, and consumed in fluid form on farms where the milk was produced.

More detailed information on the revised estimates of milk production as well as disposition and income from milk, by States, will be published in April.

Table 10.-Monthly milk production on farms, United States, 1955-58 ^{1/}

Month	Monthly total				Daily average per capita			
	1955	1956	1957	1958	1955	1956	1957	1958
	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Lb.	Lb.	Lb.	Lb.
Jan. ...	9,181	9,603	9,711	9,722	1.80	1.86	1.84	1.81
Feb. ...	8,865	9,539	9,337	9,201	1.93	1.97	1.96	1.90
Mar. ...	10,433	10,839	10,807	10,613	2.05	2.09	2.05	1.98
Apr. ...	11,087	11,270	11,269	11,009	2.24	2.24	2.20	2.12
May....	12,902	12,626	12,862	12,386	2.52	2.43	2.43	2.30
June....	12,409	12,393	12,296	12,067	2.50	2.46	2.40	2.31
July....	11,352	11,387	11,360	11,101	2.21	2.18	2.14	2.06
Aug. ...	10,425	10,465	10,385	10,180	2.03	2.00	1.95	1.88
Sept. ..	9,459	9,465	9,362	9,357	1.90	1.87	1.82	1.79
Oct. ...	9,166	9,300	9,279	9,352	1.78	1.77	1.74	1.72
Nov. ...	8,583	8,730	8,712	8,869	1.72	1.72	1.68	1.69
Dec. ...	9,083	9,243	9,248	9,363	1.76	1.76	1.73	1.72
Year....	122,945	124,860	124,628	123,220	2.04	2.03	1.99	1.94

^{1/} Revised on basis of data from the 1959 Census of Agriculture and other data which have become available since the original estimates were made.

Table 11.-Milk cows and milk production on farms, by States, 1955-58 1/

State and division	Milk cows on farms 2/				Milk production per cow 3/			
	1955	1956	1957	1958	1955	1956	1957	1958
	Thousands	Thousands	Thousands	Thousands	Pounds	Pounds	Pounds	Pounds
Me.	112	111	105	98	6,090	6,420	6,900	7,280
N. H.	62	61	57	53	6,310	6,340	6,810	7,250
Vt.	283	281	271	263	6,100	6,270	6,650	7,200
Mass.	116	110	104	98	7,040	7,250	7,490	7,820
R. I.	18	17	16	16	7,690	7,750	8,060	8,150
Conn.	109	107	100	94	6,860	7,020	7,360	7,930
N. Y.	1,372	1,354	1,313	1,271	7,160	7,400	7,400	7,730
N. J.	151	146	140	134	7,800	7,910	8,050	8,370
Pa.	940	938	919	899	6,820	6,910	6,950	7,240
N. Atl.	3,163	3,125	3,025	2,926	6,929	7,104	7,203	7,549
Ohio.....	834	804	774	720	6,880	6,990	6,940	7,280
Ind.	579	548	517	480	6,640	6,720	6,960	7,030
Ill.	788	768	724	658	6,380	6,690	6,940	7,090
Mich.	809	781	740	680	6,670	6,870	7,150	7,670
Wis.	2,302	2,293	2,264	2,214	7,160	7,380	7,700	8,110
E. N. Cent. ..	5,312	5,194	5,019	4,752	6,869	7,071	7,316	7,671
Minn.	1,378	1,386	1,383	1,318	6,410	6,760	6,940	7,400
Iowa.....	1,022	1,004	983	922	5,830	6,280	6,480	6,800
Mo.	853	806	756	707	4,830	5,120	5,240	5,360
N. Dak.	368	359	335	311	4,850	4,990	5,260	5,700
S. Dak.	302	299	293	275	4,530	4,720	4,900	5,190
Nebr.	428	418	398	365	5,370	5,480	5,620	5,730
Kans.	468	443	411	374	5,030	5,220	5,310	5,380
W. N. Cent. ..	4,819	4,715	4,559	4,272	5,544	5,855	6,042	6,347
Del.	35	32	31	30	5,700	6,200	6,300	6,500
Md.	237	231	228	222	6,260	6,500	6,700	6,840
Va.	398	381	367	348	5,030	5,320	5,600	5,700
W. Va.	186	176	163	148	4,380	4,530	4,590	4,880
N. C.	346	324	312	292	4,800	5,160	5,400	5,460
S. C.	150	144	141	128	3,940	4,350	4,410	4,500
Ga.	304	274	265	249	3,780	4,220	4,290	4,340
Fla.	175	179	185	189	5,050	5,600	5,880	5,910
S. Atl.	1,831	1,741	1,692	1,606	4,798	5,158	5,353	5,471
Ky.	585	582	564	533	4,250	4,490	4,640	4,730
Tenn.	621	595	570	530	3,820	4,110	4,250	4,300
Ala.	347	320	297	278	3,470	3,680	3,820	3,720
Miss.	515	495	463	426	2,810	3,000	3,190	3,140
Ark.	351	327	297	260	3,580	3,720	3,860	3,980
La.	304	296	283	260	2,640	2,800	2,990	3,160
Okla.	408	373	337	302	4,190	4,490	4,710	5,090
Tex.	774	758	718	661	3,860	4,050	4,260	4,560
S. Cent.	3,905	3,746	3,529	3,250	3,654	3,874	4,049	4,178
Mont.	98	95	92	88	5,240	5,260	5,320	5,510
Idaho.....	216	208	205	204	7,030	7,260	7,450	7,600
Wyo.	40	38	36	33	5,290	5,470	5,650	5,970
Colo.	154	148	143	135	5,900	6,000	6,180	6,320
N. Mex.	47	46	44	43	4,600	4,900	5,150	5,500
Ariz.	47	48	48	49	7,500	7,700	8,200	8,600
Utah.....	99	98	97	96	7,040	7,320	7,640	7,730
Nev.	14	14	14	14	6,240	6,450	6,600	6,850
Wash.	261	256	245	239	6,970	7,100	7,490	7,840
Oreg.	198	185	176	168	6,100	6,300	6,450	6,700
Calif.	840	844	850	836	8,620	8,700	9,060	9,110
West.	2,014	1,980	1,950	1,905	7,335	7,492	7,809	7,977
U. S.	21,044	20,501	19,774	18,711	5,842	6,090	6,303	6,585

Table 11.-Milk cows and milk production on farms, by States, 1955-58 1/--Con.

State and division	Total milk production on farms 3/			
	1955	1956	1957	1958
	Mil. pounds	Mil. pounds	Mil. pounds	Mil. pounds
Me.	682	713	724	713
N. H.	391	387	388	384
Vt.	1,726	1,762	1,802	1,894
Mass.	817	798	779	766
R. I.	138	132	129	130
Conn.	748	751	736	745
N. Y.	9,824	10,020	9,716	9,825
N. J.	1,178	1,155	1,127	1,122
Pa.	6,411	6,482	6,387	6,509
N. Atl.	21,915	22,200	21,788	22,088
Ohio.	5,738	5,620	5,372	5,242
Ind.	3,845	3,683	3,598	3,374
Ill.	5,027	5,138	5,025	4,665
Mich.	5,396	5,365	5,291	5,216
Wis.	16,482	16,922	17,433	17,956
E. N. Cent.	36,488	36,728	36,719	36,453
Minn.	8,833	9,369	9,598	9,753
Iowa.	5,958	6,305	6,370	6,270
Mo.	4,120	4,127	3,961	3,790
N. Dak.	1,785	1,791	1,762	1,773
S. Dak.	1,368	1,411	1,436	1,427
Nebr.	2,298	2,291	2,237	2,091
Kans.	2,354	2,312	2,182	2,012
W. N. Cent.	26,716	27,606	27,546	27,116
Del.	200	198	195	195
Md.	1,484	1,502	1,528	1,518
Va.	2,002	2,027	2,055	1,984
W. Va.	815	797	748	722
N. C.	1,661	1,672	1,685	1,594
S. C.	591	626	622	576
Ga.	1,149	1,156	1,137	1,081
Fla.	884	1,002	1,088	1,117
S. Atl.	8,786	8,980	9,058	8,787
Ky.	2,486	2,613	2,617	2,521
Tenn.	2,372	2,445	2,422	2,279
Ala.	1,204	1,178	1,135	1,034
Miss.	1,447	1,485	1,477	1,338
Ark.	1,257	1,216	1,146	1,035
La.	803	829	846	822
Okla.	1,710	1,675	1,587	1,537
Tex.	2,988	3,070	3,059	3,014
S. Cent.	14,267	14,511	14,289	13,580
Mont.	514	500	489	485
Idaho.	1,518	1,510	1,527	1,550
Wyo.	212	208	203	197
Colo.	909	888	884	853
N. Mex.	216	225	227	236
Ariz.	352	370	394	421
Utah.	697	717	741	742
Nev.	87	90	92	96
Wash.	1,819	1,818	1,835	1,874
Oreg.	1,208	1,166	1,135	1,126
Calif.	7,241	7,343	7,701	7,616
West.	14,773	14,835	15,228	15,196
U. S.	122,945	124,860	124,628	123,220

1/ Revised on basis of data from the 1959 Census of Agriculture and other data which have become available since the original estimates were made.

2/ Average number on farms during year, excluding heifers not yet fresh.

3/ Excludes milk sucked by calves.

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Table 12.-Milk cattle for breeding and replacement purposes on farms,
 United States, January 1, 1940-61

Year	Cows and heifers 2 years old and over <u>kept for milk</u> 1,000 head	Heifers 1-2 years kept for milk cows		Heifer calves under 1 year kept for milk cows		Cows and heifers eliminated during year <u>1/</u>	
		1,000 head	No. per 100 cows	1,000 head	No. per 100 cows	1,000 head	No. per 100 cows
1940.....	24,940	5,525	22.2	5,967	23.9	5,012	20.1
1941.....	25,453	5,676	22.3	6,254	24.6	4,816	18.9
1942.....	26,313	5,889	22.4	6,635	25.2	5,064	19.2
1943.....	27,138	6,067	22.4	7,035	25.9	5,501	20.3
1944.....	27,704	6,352	22.9	7,201	26.0	6,286	22.7
1945.....	27,770	6,307	22.7	6,772	24.4	7,556	27.2
1946.....	26,521	5,758	21.7	6,270	23.6	6,437	24.3
1947.....	25,842	5,524	21.4	6,317	24.4	6,751	26.1
1948.....	24,615	5,550	22.5	6,004	24.4	6,303	25.6
1949.....	23,862	5,327	22.3	6,081	25.5	5,336	22.4
1950.....	23,853	5,394	22.6	6,208	26.0	5,679	23.8
1951.....	23,568	5,493	23.3	6,337	26.9	6,001	25.5
1952.....	23,060	5,694	24.7	6,481	28.1	5,205	22.6
1953.....	23,549	5,893	25.0	6,479	27.5	5,546	23.6
1954.....	23,896	5,873	24.6	6,392	26.7	6,307	26.4
1955 <u>2/</u>	23,462	5,786	24.7	6,094	26.0	6,336	27.0
1956 <u>2/</u>	22,912	5,407	23.6	5,890	25.7	5,994	26.2
1957 <u>2/</u>	22,325	5,267	23.6	5,699	25.5	6,327	28.3
1958 <u>2/</u>	21,265	5,126	24.1	5,571	26.2	6,259	29.4
1959 <u>2/</u>	20,132	5,050	25.1	5,526	27.4	5,655	28.1
1960 <u>2/</u>	19,527	5,079	26.0	5,575	28.6	5,315	27.2
1961.....	19,291	5,034	26.1	5,611	29.1		

1/ Cows and heifers 1 year old and over at beginning of year less cows 2 years old and over at end of year. Includes animals culled out, death losses, and farm slaughter. 2/ Revised.