

# MILK PRODUCTION

JANUARY 1969

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## January milk production 1 percent less than a year earlier

U. S. milk production in January is estimated at 9,407 million pounds, 1 percent less than a year earlier and the smallest January production since 1955. Production increased 2 percent from December 1968 to January 1969, compared with a 3-percent gain during the same period a year earlier. January production was less than a year earlier in 26 States -- 14 States reported increases and 10 States reported no change. January output provided 1.50 pounds of milk per person daily for all uses, compared with 1.47 pounds a month earlier and 1.54 pounds a year earlier.

## Milk production per cow up 2 percent from a year earlier

January milk production per cow was 735 pounds, 2 percent more than a year earlier. Revised output per cow was 3 percent above a year earlier for each of the last 4 months of 1968. Unusually cold weather in the Midwest and Pacific Northwest was partly responsible for the smaller rate increase in January. However, production per cow was at a record-high rate for January in 43 States. Daily output per cow averaged 23.7 pounds in January, compared with 23.1 pounds a month earlier and 23.3 pounds a year earlier. January production per cow was highest in Arizona at 920 pounds; followed by California, 910 pounds; Massachusetts and Minnesota each with 880 pounds; New Jersey, 875 pounds and Connecticut, 870 pounds.

## Grain and concentrate feeding up 6 percent from a year earlier

Feeding of grain and concentrates averaged 11.6 pounds per milk cow on February 1, a record-high for any date, and 6 percent more than the 10.9 pounds fed a year earlier. Feeding rates were higher than a year earlier in 43 States and averaged 12 or more pounds per cow in 20 States, compared with 13 States a year earlier.

## Milk-feed price ratio 4 percent above a year earlier

The January milk-feed price ratio at 1.75 was 4 percent above a year ago, a record-high for January. Higher milk prices more than offset the effect of a slight increase in ration values and caused the increase in the milk-feed ratio over a year earlier. Computation of the milkfat-feed price ratio has been discontinued because of the small volume of farm-separated cream sold. The U. S. ration value per 100 pounds is published for "milk areas" only.

Special in this issue  
MILK COWS AND MILK PRODUCTION  
Revised, 1967-68

## MILK COWS AND MILK PRODUCTION, 1968

The Nation's milk cows produced 117.3 billion pounds of milk in 1968, 1.3 percent less than the revised estimate of 118.8 billion pounds produced in 1967 and the smallest production since 1952. The annual average number of milk cows on farms in 1968 was a record low of 13,022,000, down 4 percent from the previous record low of 13,501,000 in 1967. Output per cow reached a record-high rate of 9,006 pounds in 1968, up 2 percent from the previous record of 8,797 pounds in 1967. These revised estimates for 1967 and 1968 are based on annual review of more complete production and utilization data.

Milk production in 1968 was 8 percent below the record 1964 output of 127.0 billion pounds. By regions, production decreased 2 percent from 1967 in the North Atlantic and East North Central and 1 percent in the West North Central, South Atlantic and South Central, but was up 2 percent in the West. Only 12 States had increases in milk production in 1968. These increases ranged from slight gains in Minnesota and Louisiana to 3 percent in New Mexico, Arizona, and California. Hawaii had the sharpest decrease in production from a year earlier -- 9 percent, followed by Rhode Island and New Jersey, each with an 8 percent decline. For the United States, February was the only month with production above a year earlier -- because of the extra day in 1968. Monthly milk production was 2 to 3 percent below a year earlier in January, March and April 1968, but only about 1 percent below 1967 in each of the last 6 months of the year.

Annual production per cow set a new record high of 9,006 pounds in 1968, up 2 percent from the previous record of 8,797 pounds in 1967. Rate per cow increased in all regions, with gains ranging from a slight increase in the North Atlantic to 3-percent increases in the West North Central and South Central Regions. California had the highest annual rate per cow -- 11,460 pounds, followed by Arizona -- 10,840 pounds, and Washington -- 10,500 pounds. Massachusetts, Connecticut, New Jersey, Utah and Nevada also had rates per cow above 10,000 pounds.

The annual average number of milk cows on farms was a record low of 13,022,000 in 1968, down 4 percent from the previous low of 13,501,000 in 1967. Milk cows have declined each year since 1953. The number of milk cows was down in all regions, ranging from 1 percent below a year earlier in the West to 5 percent below a year earlier in the West North Central and South Central.

The January 1, 1969 inventory of cows and heifers 2 years old and older kept for milk is estimated at 14,123,000, down 4 percent from a year earlier. The 4-percent decline during 1968 is the same as in 1967 but less than the 5 percent in 1966. Dairy replacement heifers 1-2 years old are estimated at 3,527,000 on January 1, 1969, down 1 percent from a year earlier. Heifer calves under 1 year old being raised for dairy replacements totaled 3,960,000 on January 1, down 2 percent. Total heifers and calves kept for dairy replacement stock on January 1 were 53 percent of the number of cows and heifers 2 years old and older kept for milk, the highest ratio of potential replacements since January 1, 1962. Cows and heifers eliminated from dairy herds during 1968 were 28.0 percent of the number 2 years old and older on hand at the beginning of 1968, a slightly heavier culling rate than in 1967.

Table 1.-Monthly milk per cow and milk production, January 1967-69

State	Monthly milk per cow <sup>1/</sup>			Milk production			
	1967	1968	1969	1967	1968	1969	Change From 1968
	-- Pounds --			-- Million pounds --			Percent
Maine.....	660	655	675	48	46	46	0
New Hampshire.....	750	775	785	31	30	30	0
Vermont.....	680	710	725	146	149	151	+ 1
Massachusetts.....	870	835	880	64	59	59	0
Rhode Island.....	810	800	825	7.3	6.8	6.4	- 6
Connecticut.....	850	835	870	60	57	57	0
New York.....	820	810	830	886	855	847	- 1
New Jersey.....	865	850	875	77	70	66	- 6
Pennsylvania.....	788	745	775	594	546	563	+ 3
Ohio.....	770	760	755	395	366	353	- 4
Indiana.....	740	745	780	210	192	192	0
Illinois.....	760	745	745	279	250	240	- 4
Michigan.....	785	770	805	401	372	374	+ 5
Wisconsin.....	780	800	790	1,518	1,527	1,471	- 4
Minnesota.....	840	880	880	936	943	913	- 3
Iowa.....	715	725	740	449	426	405	- 5
Missouri.....	530	550	570	216	213	213	0
North Dakota.....	550	575	560	100	94	84	-11
South Dakota.....	600	635	650	128	131	128	- 2
Nebraska.....	590	595	615	135	129	125	- 3
Kansas.....	650	645	670	147	139	139	0
Delaware.....	670	670	680	11.4	10.7	10.2	- 5
Maryland.....	710	710	750	126	122	127	+ 4
Virginia.....	555	570	580	135	134	132	- 1
West Virginia.....	470	495	495	35	34	32	- 6
North Carolina.....	600	610	625	122	120	119	- 1
South Carolina.....	575	580	590	44	42	42	0
Georgia.....	590	630	635	86	88	88	0
Florida.....	740	760	730	136	139	134	- 4
Kentucky.....	465	465	490	179	174	176	+ 1
Tennessee.....	430	455	465	153	154	148	- 4
Alabama.....	440	460	465	68	67	65	- 3
Mississippi.....	380	405	425	87	86	87	+ 1
Arkansas.....	430	470	500	49	49	50	+ 2
Louisiana.....	465	480	515	89	88	91	+ 3
Oklahoma.....	640	660	660	104	103	102	- 1
Texas.....	625	655	675	243	247	232	- 6
Montana.....	540	570	585	28	27	26	- 4
Idaho.....	715	710	725	114	110	114	+ 4
Wyoming.....	640	640	650	13.1	12.8	12.4	- 3
Colorado.....	680	680	690	67	67	69	+ 3
New Mexico.....	685	685	685	26	26	26	0
Arizona.....	860	920	920	45	47	48	+ 2
Utah.....	790	800	820	60	59	62	+ 5
Nevada.....	800	780	800	10.6	10.6	11.0	+ 4
Washington.....	785	790	825	155	153	151	- 1
Oregon.....	565	595	600	68	68	67	- 1
California.....	905	890	910	706	694	711	+ 2
Alaska.....	805	810	830	1.53	1.46	1.41	- 3
Hawaii.....	875	860	830	12.8	12.1	10.8	-11
United States.....	713	721	735	9,802	9,546	9,407	- .01

<sup>1/</sup> Monthly rate based on all milk cows on farms (in milk or dry).

Table 2.-Grain and other concentrates fed daily per milk cow in herds kept by reporters, February 1, 1967-69

State	1967	1968	1969	State	1967	1968	1969
-- Pounds --				-- Pounds --			
Maine	10.5	11.4	12.2	West Virginia	7.0	8.4	8.5
New Hampshire	11.2	11.1	11.8	North Carolina	10.5	10.5	10.5
Vermont	10.4	10.6	10.9	South Carolina	9.5	10.5	12.0
Massachusetts	12.6	12.4	13.2	Georgia	11.0	12.0	14.0
Rhode Island	12.9	12.0	13.2	Florida	9.5	10.0	10.0
Connecticut	13.0	13.0	13.6	Kentucky	9.1	9.9	9.5
New York	11.3	11.4	12.0	Tennessee	8.6	8.2	9.6
New Jersey	12.0	12.8	13.0	Alabama	9.5	11.0	11.5
Pennsylvania	13.2	13.2	13.6	Mississippi	8.8	8.5	9.5
Ohio	11.8	12.3	13.0	Arkansas	9.7	11.1	12.6
Indiana	11.5	10.8	12.9	Louisiana	10.9	10.9	12.0
Illinois	11.4	11.0	12.0	Oklahoma	11.0	12.0	12.5
Michigan	12.0	11.3	11.7	Texas	9.2	9.5	11.5
Wisconsin	10.0	9.9	11.3	Montana	6.5	8.0	9.0
Minnesota	11.7	12.9	12.5	Idaho	8.0	7.5	8.4
Iowa	10.9	11.5	11.0	Wyoming	5.4	6.0	6.5
Missouri	9.5	9.4	10.6	Colorado	10.5	10.0	11.6
North Dakota	10.5	10.0	11.6	New Mexico	10.4	10.0	12.0
South Dakota	7.9	8.9	10.1	Arizona	10.5	10.0	11.0
Nebraska	8.8	8.3	8.9	Utah	8.7	9.2	9.6
Kansas	10.2	9.9	12.5	Nevada	8.0	10.0	11.0
Delaware	12.5	13.5	12.9	Washington	9.5	9.5	10.8
Maryland	12.0	13.7	13.9	Oregon	8.0	8.0	8.8
Virginia	9.7	10.5	10.7	California	11.5	12.0	13.0
United States	10.6	10.9	11.6				

Table 3.-Milk-feed price ratios, milk prices, and ration values, by region and United States January 1969, with comparisons 1/

Region	Milk-feed price ratio 2/			All milk price per cwt.			Ration value 3/		
	Jan. 1968	Dec. 1968	Jan. 1969	Jan. 1968	Dec. 1968	Jan. 1969	Jan. 1968	Dec. 1968	Jan. 1969
	-- Pounds --			-- Dollars --					
N. Atl.	1.54	1.69	1.65	5.70	6.19	6.10	3.69	3.66	3.70
E. N. Cent.	1.71	1.79	1.73	4.97	5.25	5.16	2.90	2.94	2.98
W. N. Cent.	1.75	1.86	1.80	4.40	4.76	4.68	2.52	2.56	2.60
S. Atl.	1.88	1.98	1.97	6.50	6.74	6.76	3.46	3.40	3.44
S. Cent.	1.84	1.95	1.92	6.03	6.38	6.31	3.28	3.27	3.29
West.	1.61	1.71	1.68	5.36	5.47	5.41	3.32	3.19	3.22
U. S.	1.69	1.80	1.75	5.27	5.60	5.51	3.12	3.11	3.15

1/ Data for current month are preliminary.

2/ Pounds of concentrate ration equal in value to 1 pound wholesale milk.

3/ Value per 100 pounds of concentrate ration fed to milk cows.

Table 4.-Dairy cattle on farms January 1, by States, 1967-69

State	: Cows and heifers 2 years old ; Heifers 1 to 2 years old ; Heifer calves under 1 year								
	: and older kept for milk 1/ ; kept for milk cows ; kept for milk cows								
	: 1967	: 1968	: 1969						
	Thousands								
Maine .....	80	78	76	23	23	24	25	24	24
New Hampshire .....	46	44	43	12	12	12	13	13	12
Vermont .....	240	236	232	44	47	49	51	52	54
Massachusetts .....	82	78	75	14	15	15	17	17	18
Rhode Island .....	10	9	8	1	1	1	2	2	2
Connecticut .....	79	76	73	16	17	17	20	19	18
New York .....	1,196	1,172	1,132	260	273	271	281	281	281
New Jersey .....	97	90	82	16	15	15	17	16	15
Pennsylvania .....	848	823	815	205	213	219	236	245	252
Ohio .....	557	529	503	131	129	124	134	132	129
Indiana .....	320	288	274	78	73	71	89	84	74
Illinois .....	415	378	363	100	92	88	128	125	114
Michigan .....	558	525	499	153	145	143	168	160	154
Wisconsin .....	2,180	2,147	2,094	560	556	550	591	585	568
Minnesota .....	1,230	1,181	1,146	349	318	320	344	335	347
Iowa .....	692	644	605	172	172	166	194	192	189
Missouri .....	452	429	412	89	104	105	127	128	128
North Dakota .....	206	183	168	39	34	31	45	43	40
South Dakota .....	234	225	214	43	40	40	65	61	58
Nebraska .....	245	235	218	50	46	42	59	55	52
Kansas .....	250	240	225	57	52	50	57	54	52
Delaware .....	18	17	16	4	4	3	4	3	2
Maryland.....	190	186	184	40	39	40	40	42	40
Virginia .....	272	264	253	63	64	61	78	78	78
West Virginia .....	82	77	72	14	11	12	13	15	13
North Carolina .....	225	218	211	56	55	54	59	58	60
South Carolina .....	83	82	76	17	16	15	19	18	17
Georgia .....	163	155	152	42	40	38	45	46	44
Florida .....	189	189	189	25	25	24	27	27	27
Kentucky .....	430	421	400	94	94	93	106	106	106
Tennessee .....	395	375	352	77	78	77	89	89	93
Alabama .....	177	166	156	47	44	40	49	45	43
Mississippi .....	261	245	233	66	64	64	83	76	72
Arkansas .....	125	114	109	25	24	23	32	30	28
Louisiana .....	215	206	198	48	47	44	60	57	54
Oklahoma .....	173	171	166	42	44	42	56	62	56
Texas .....	419	398	374	84	84	82	108	106	101
Montana .....	55	51	48	11	10	10	17	16	15
Idaho .....	171	169	171	56	54	54	68	66	65
Wyoming .....	22	21	20	5	4	4	5	4	4
Colorado .....	107	109	110	28	29	30	39	41	42
New Mexico .....	41	40	39	11	10	9	11	11	10
Arizona .....	56	55	55	11	11	11	13	13	15
Utah .....	83	81	82	24	23	24	26	26	26
Nevada .....	15	15	15	5	5	5	6	6	6
Washington .....	217	210	200	54	52	50	62	60	56
Oregon .....	130	124	120	37	36	35	53	51	49
California .....	849	857	848	235	231	226	254	249	252
48 States .....	15,180	14,626	14,106	3,633	3,575	3,523	4,085	4,024	3,955
Alaska .....	2.1	2.0	1.9	.4	.4	.4	.4	.4	.5
Hawaii .....	16	16	15	3	3	4	3	4	4
United States .....	15,198	14,644	14,123	3,636	3,579	3,527	4,089	4,028	3,960

1/ Includes 2-year old heifers not yet fresh.

Table 5.-Dairy cattle on farms January 1, United States, 1959-69 1/

Year	Cows and heifers 2 years old and older kept for milk 2/	Heifers 1-2 years kept for milk cows	Heifer calves under 1 year kept for milk cows	Cows and heifers eliminated during year 3/
	Number	Per 100 cows	Number	Per 100 cows
	Thousands	Thousands	Number	Thousands
1959	20,132	5,050	25.1	5,526
1960	19,527	5,079	26.0	5,575
1961	19,271	5,016	26.0	5,446
1962	18,963	4,887	25.8	5,264
1963	18,379	4,708	25.6	4,935
1964	17,647	4,395	24.9	4,692
1965	16,981	4,149	24.4	4,420
1966	15,987	3,860	24.1	4,151
1967	15,198	3,636	23.9	4,089
1968	14,644	3,579	24.4	4,028
1969	14,123	3,527	25.0	3,960

1/ Includes estimates for Alaska and Hawaii beginning 1961.

2/ Includes 2-year old heifers not yet fresh.

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

Table 6.-Milk cows and milk production, United States, 1958-68 1/

Year	Milk cows on farms 2/	Production per cow 3/		Milk production 3/	
	Thousands	Milk Pounds	Milkfat Pounds	Total Mil. lb.	Per capita Pounds
1958	18,711	6,585	249	123,220	708
1959	17,901	6,815	256	121,989	689
1960	17,515	7,029	264	123,109	681
1961	17,243	7,290	273	125,707	684
1962	16,842	7,496	280	126,251	676
1963	16,260	7,700	286	125,202	661
1964	15,677	8,099	300	126,967	661
1965	14,954	8,304	307	124,173	638
1966	14,093	8,507	314	119,892	609
1967	13,501	8,797	325	118,769	597
1968	13,022	9,006	331	117,281	583

1/ Includes estimates for Alaska and Hawaii beginning 1960.

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

3/ Excludes milk sucked by calves.

Table 7.-Milk cows and milk production by months, United States, 1966-68

Month	Milk cows on farms 1/			Milk per cow 2/			Milk production 2/			Change from 1967
	1966	1967	1968	1966	1967	1968	1966	1967	1968	
	Thousands			Pounds			Million pounds			Percent
January	14,460	13,750	13,231	677	713	721	9,787	9,802	9,546	-2.6
February	14,385	13,708	13,192	635	667	698	9,133	9,150	9,207	3/+0.6
March	14,312	13,662	13,151	736	762	773	10,527	10,407	10,169	-2.3
April	14,239	13,613	13,114	755	784	797	10,747	10,675	10,457	-2.0
May	14,162	13,567	13,078	811	837	858	11,489	11,360	11,227	-1.2
June	14,093	13,518	13,033	798	817	832	11,248	11,038	10,840	-1.8
July	14,035	13,471	12,997	735	767	785	10,322	10,326	10,201	-1.2
August	13,983	13,426	12,963	697	722	738	9,744	9,688	9,567	-1.2
September	13,931	13,383	12,932	661	681	699	9,214	9,114	9,035	-0.9
October	13,887	13,341	12,893	667	687	707	9,262	9,169	9,120	-0.5
November	13,841	13,305	12,858	645	660	678	8,925	8,781	8,721	-0.7
December	13,793	13,273	12,828	688	698	716	9,494	9,259	9,191	-0.7
Annual	14,093	13,501	13,022	8,507	8,797	9,006	119,892	118,769	117,281	3/-1.3

1/ Excludes heifers not yet fresh. 2/ Excludes milk sucked by calves. 3/ Extra day in 1968 added 3.6 percent to February production. On a daily average basis, change from 1967 was -2.8 percent for February and -1.5 percent for the year.

Table 8.--Milk cows and milk production, by States, 1966-68

State and division	Milk cows on farms 1/			Milk per cow 2/			Milk production 2/			:Change from 1967
	1966	1967	1968	1966	1967	1968	1966	1967	1968	
	-- Thousands --			-- Pounds --			-- Million pounds --			Percent
Maine .....	75	71	69	8,500	8,550	8,670	638	607	598	-1
N. H. ....	42	40	39	9,100	9,200	9,240	382	368	360	-2
Vt. ....	218	212	209	8,710	8,630	8,960	1,899	1,830	1,873	+2
Mass. ....	76	73	69	10,000	10,100	10,070	760	737	695	-6
R. I. ....	9.6	8.8	8.1	9,900	9,900	9,880	95	87	80	-8
Conn. ....	70	69	67	10,030	10,050	10,150	702	693	680	-2
N. Y. ....	1,109	1,069	1,039	9,540	9,780	9,820	10,580	10,455	10,203	-2
N. J. ....	93	86	79	10,180	10,220	10,250	947	879	810	-8
Pa. ....	767	743	728	9,240	9,570	9,500	7,087	7,111	6,916	-3
N. Atl. ...	2,460	2,372	2,307	9,386	9,598	9,629	23,090	22,767	22,215	-2
Ohio ....	523	495	475	9,440	9,500	9,500	4,937	4,702	4,512	-4
Ind. ....	297	272	252	9,160	9,300	9,660	2,721	2,530	2,434	-4
Ill. ....	386	352	330	9,330	9,310	9,420	3,524	3,277	3,109	-5
Mich. ....	535	499	473	9,460	9,430	9,700	5,061	4,706	4,588	-3
Wis. ....	1,975	1,930	1,887	9,140	9,440	9,650	18,052	18,219	18,210	0
E.N. Cent.:	3,716	3,548	3,417	9,229	9,423	9,592	34,295	33,434	32,853	-2
Minn. ....	1,145	1,094	1,057	8,820	9,360	9,710	10,099	10,240	10,263	0
Iowa ....	652	608	569	8,680	8,880	9,100	5,659	5,399	5,178	-4
Mo. ....	422	397	380	7,510	7,930	8,050	3,169	3,148	3,059	-3
N. Dak. ....	196	172	156	6,810	7,190	7,460	1,335	1,237	1,164	-6
S. Dak. ....	216	210	202	7,400	7,620	8,120	1,598	1,600	1,640	+2
Nebr. ....	236	224	210	7,260	7,620	7,900	1,713	1,707	1,659	-3
Kans. ....	232	221	212	7,490	7,800	8,100	1,738	1,724	1,717	0
W.N. Cent.:	3,099	2,926	2,786	8,167	8,563	8,859	25,311	25,055	24,680	-1
Del. ....	17	16	15	8,590	8,750	8,930	146	140	134	-4
Md. ....	180	174	170	8,530	8,710	8,900	1,535	1,516	1,513	0
Va. ....	250	241	231	7,180	7,370	7,630	1,795	1,776	1,763	-1
W. Va. ....	79	73	67	5,900	6,110	6,340	466	446	425	-5
N. C. ....	208	200	193	7,090	7,440	7,640	1,475	1,488	1,475	-1
S. C. ....	77	75	72	6,660	6,950	7,140	513	521	514	-1
Ga. ....	150	144	139	6,670	7,150	7,490	1,000	1,030	1,041	+1
Fla. ....	180	182	182	8,200	8,660	8,540	1,476	1,576	1,554	-1
S. Atl. ...	1,141	1,105	1,069	7,367	7,686	7,876	8,406	8,493	8,419	-1
Ky. ....	396	380	367	6,440	6,710	6,840	2,550	2,550	2,510	-2
Tenn. ....	369	348	329	5,750	6,160	6,430	2,122	2,144	2,115	-1
Ala. ....	158	150	143	5,150	5,410	5,650	814	812	808	0
Miss. ....	242	222	209	4,630	5,020	5,230	1,120	1,114	1,093	-2
Ark. ....	116	108	102	6,070	6,420	6,750	704	693	688	-1
La. ....	196	188	180	5,160	5,490	5,740	1,011	1,032	1,033	0
Okla. ....	168	159	155	7,740	8,270	8,280	1,300	1,315	1,283	-2
Texas ....	402	384	365	7,330	7,890	8,170	2,947	3,030	2,982	-2
S. Cent. :	2,047	1,939	1,850	6,140	6,545	6,763	12,568	12,690	12,512	-1
Mont. ....	54	50	46	6,960	7,400	7,740	376	370	356	-4
Idaho ....	162	157	156	9,000	9,280	9,320	1,458	1,457	1,454	0
Wyo. ....	21.5	20.3	19.5	7,600	7,930	8,110	163	161	158	-2
Colo. ....	99	98	99	8,290	8,460	8,530	821	829	844	+2
N. Mex. ....	38	38	38	7,740	8,080	8,290	294	307	315	+3
Ariz. ....	52	51	51	10,270	10,570	10,840	534	539	553	+3
Utah ....	77	76	75	9,560	9,800	10,120	736	745	759	+2
Nev. ....	13.4	13.5	13.7	10,000	9,930	10,020	134	134	137	+2
Wash. ....	199	195	186	9,830	10,040	10,500	1,956	1,958	1,953	0
Oreg. ....	122	116	113	8,020	8,280	8,590	978	960	971	+1
Calif. ....	775	780	781	11,100	11,160	11,460	8,602	8,705	8,950	+3
West. ....	1,613	1,595	1,578	9,952	10,135	10,424	16,052	16,165	16,450	+2
Alaska ....	2.0	1.9	1.8	9,500	9,580	9,830	19.0	18.2	17.7	-3
Hawaii ....	15.0	14.4	13.5	10,060	10,200	9,930	151	147	134	-9
U. S. ....	14,093	13,501	13,022	8,507	8,797	9,006	119,892	118,769	117,281	-1.3

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

2/ Excludes milk sucked by calves.

Table 9.-Milk cows and milk production, by months, by States,  
1966, 1967 and 1968 - Continued

State and month	Milk cows on farms 1/			Milk per cow 2/			Milk production 2/		
	1966	1967	1968	1966	1967	1968	1966	1967	1968
	-- Thousands --			-- Pounds --			-- Million pounds --		
<b>MAINE:</b>									
January .....	77	73	70	675	660	655	52	48	46
February .....	76	72	70	630	600	635	48	43	44
March .....	76	72	70	700	690	690	53	50	48
April .....	76	72	70	725	725	735	55	52	51
May .....	76	71	69	775	765	785	59	54	54
June .....	75	71	69	790	800	820	59	57	57
July .....	74	70	69	775	800	800	57	56	55
August .....	74	70	69	745	775	770	55	54	53
September .....	74	70	69	715	735	735	53	51	51
October .....	74	70	69	690	705	700	51	49	48
November .....	74	70	68	640	660	655	47	46	45
December .....	73	70	68	670	675	680	49	47	46
Annual .....	75	71	69	8,500	8,550	8,670	638	607	598
<b>NEW HAMPSHIRE:</b>									
January .....	43	41	39	755	750	775	32	31	30
February .....	42	41	39	700	695	730	29	28	28
March .....	42	41	39	785	785	800	33	32	31
April .....	42	41	39	810	800	800	34	33	31
May .....	42	41	39	845	825	835	35	34	33
June .....	42	41	39	825	805	815	35	33	32
July .....	42	40	39	785	780	780	33	31	30
August .....	42	39	39	735	745	760	31	29	30
September .....	41	39	39	755	765	755	31	30	29
October .....	41	39	39	735	735	755	30	29	29
November .....	41	39	39	710	725	730	29	28	28
December .....	41	39	38	730	760	765	30	30	29
Annual .....	42	40	39	9,100	9,200	9,240	382	368	360
<b>VERMONT:</b>									
January .....	220	215	210	710	680	710	156	146	149
February .....	220	214	210	635	615	660	140	132	139
March .....	220	214	210	765	735	765	168	157	161
April .....	220	213	210	785	765	795	173	163	167
May .....	219	213	209	840	820	845	184	175	177
June .....	219	212	209	840	845	850	184	179	178
July .....	219	212	209	730	750	765	160	159	160
August .....	218	212	209	685	700	730	149	148	153
September .....	217	211	209	680	690	715	148	146	149
October .....	216	211	208	695	690	720	150	146	150
November .....	216	211	208	645	645	675	139	136	140
December .....	216	210	208	685	680	720	148	143	150
Annual .....	218	212	209	8,710	8,630	8,960	1,899	1,830	1,873
<b>MASSACHUSETTS:</b>									
January .....	77	74	71	855	870	835	66	64	59
February .....	77	74	70	785	790	805	60	58	56
March .....	77	74	70	875	880	860	67	65	60
April .....	77	74	70	875	870	860	67	64	60
May .....	76	74	70	925	920	915	70	68	64
June .....	76	74	69	880	890	890	67	66	61
July .....	75	74	69	815	825	830	61	61	57
August .....	75	73	68	815	810	840	61	59	57
September .....	75	73	68	790	795	815	59	58	55
October .....	75	73	68	815	810	830	61	59	56
November .....	75	72	68	790	780	800	59	56	54
December .....	75	72	68	830	820	830	62	59	56
Annual .....	76	73	69	10,000	10,100	10,070	760	737	695

See footnotes at end of table.



Table 9.-Milk cows and milk production, by months, by States,  
1966, 1967 and 1968 - Continued

State and month	Milk cows on farms 1/			Milk per cow 2/			Milk production 2/		
	1966	1967	1968	1966	1967	1968	1966	1967	1968
	-- Thousands --			-- Pounds --			-- Million pounds --		
<b>RHODE ISLAND:</b>									
January .....	10.0	9.0	8.5	810	810	800	8.1	7.3	6.8
February .....	9.9	9.0	8.4	750	745	760	7.4	6.7	6.4
March .....	9.8	8.9	8.3	885	880	855	8.7	7.8	7.1
April .....	9.8	8.8	8.2	875	865	840	8.6	7.6	6.9
May .....	9.6	8.8	8.2	935	925	915	9.0	8.1	7.5
June .....	9.6	8.8	8.2	870	890	870	8.4	7.8	7.1
July .....	9.5	8.8	8.1	835	830	830	7.9	7.3	6.7
August .....	9.4	8.8	8.1	820	820	815	7.7	7.2	6.6
September .....	9.4	8.7	8.0	785	785	785	7.4	6.8	6.3
October .....	9.4	8.7	8.0	795	805	790	7.5	7.0	6.3
November .....	9.2	8.7	7.9	765	750	760	7.0	6.5	6.0
December .....	9.0	8.6	7.8	815	800	810	7.3	6.9	6.3
Annual .....	9.6	8.8	8.1	9,900	9,900	9,880	95	87	80
<b>CONNECTICUT:</b>									
January .....	71	70	68	840	850	835	60	60	57
February .....	71	70	68	770	780	795	55	55	54
March .....	71	70	68	875	880	865	62	62	59
April .....	71	70	68	845	850	840	60	60	57
May .....	70	69	68	900	915	910	63	63	62
June .....	70	69	67	855	855	855	60	59	57
July .....	70	69	67	800	810	825	56	56	55
August .....	70	69	67	815	815	830	57	56	56
September .....	70	68	67	805	815	825	56	55	55
October .....	70	68	67	825	830	855	58	56	57
November .....	70	68	66	805	795	825	56	54	54
December .....	70	68	66	840	835	870	59	57	57
Annual .....	70	69	67	10,030	10,050	10,150	702	693	680
<b>NEW YORK:</b>									
January .....	1,134	1,081	1,055	805	820	810	913	886	855
February .....	1,130	1,078	1,052	745	755	770	842	814	810
March .....	1,127	1,076	1,049	870	875	860	980	942	902
April .....	1,122	1,074	1,047	880	890	880	987	956	921
May .....	1,117	1,072	1,044	925	940	955	1,033	1,008	997
June .....	1,112	1,070	1,040	905	930	915	1,006	995	952
July .....	1,107	1,068	1,037	755	805	800	836	860	830
August .....	1,102	1,066	1,034	700	745	745	771	794	770
September .....	1,096	1,063	1,031	710	740	745	778	787	768
October .....	1,092	1,060	1,028	745	765	780	814	811	802
November .....	1,087	1,058	1,024	715	730	750	777	772	768
December .....	1,081	1,057	1,022	780	785	810	843	830	828
Annual .....	1,109	1,069	1,039	9,540	9,780	9,820	10,580	10,455	10,203
<b>NEW JERSEY:</b>									
January .....	99	89	82	840	865	850	83	77	70
February .....	97	89	82	810	815	815	79	73	67
March .....	96	88	81	920	915	900	88	81	73
April .....	95	87	80	910	905	925	86	79	74
May .....	94	87	79	970	965	980	91	84	77
June .....	93	86	78	855	890	895	80	77	70
July .....	92	86	78	805	820	835	74	71	65
August .....	92	85	78	805	810	825	74	69	64
September .....	91	84	77	790	775	795	72	65	61
October .....	90	84	77	810	810	815	73	68	63
November .....	90	83	77	790	785	790	71	65	61
December .....	89	83	76	850	840	850	76	70	65
Annual .....	93	86	79	10,180	10,220	10,250	947	879	810

See footnotes at end of table.

Table 9.-Milk cows and milk production, by months, by States,  
1966, 1967 and 1968 -- Continued

State and month	Milk cows on farms <sup>1/</sup>			Milk per cow <sup>2/</sup>			Milk production <sup>2/</sup>		
	1966	1967	1968	1966	1967	1968	1966	1967	1968
<b>PENNSYLVANIA:</b>									
	-- Thousands --			-- Pounds --			-- Million pounds --		
January .....	787	754	733	767	788	745	604	594	546
February .....	782	752	732	705	735	720	551	553	527
March .....	777	750	731	830	850	810	645	638	592
April .....	773	748	730	815	860	830	630	643	606
May .....	769	746	729	895	930	900	688	694	656
June .....	765	744	728	815	865	840	623	644	612
July .....	762	742	727	745	790	800	568	586	582
August .....	760	740	727	745	770	775	566	570	563
September .....	758	738	726	720	760	775	546	561	563
October .....	757	736	726	740	750	780	560	552	566
November .....	756	735	726	720	715	740	544	526	537
December .....	755	734	726	745	750	780	562	550	566
Annual .....	767	743	728	9,340	9,570	9,500	7,087	7,111	6,916
<b>OHIO:</b>									
January .....	537	513	482	770	770	760	413	395	366
February .....	533	509	480	710	710	720	378	361	346
March .....	529	505	478	810	815	795	428	412	380
April .....	525	501	477	820	830	820	430	416	391
May .....	522	497	476	905	905	910	472	450	433
June .....	521	494	475	860	865	850	448	427	404
July .....	520	492	474	800	825	820	416	406	389
August .....	519	490	473	785	795	785	407	390	371
September .....	519	488	472	755	750	780	392	366	368
October .....	518	486	471	755	760	780	391	369	367
November .....	518	484	470	710	720	730	368	348	343
December .....	518	483	469	760	750	755	394	362	354
Annual .....	523	495	475	9,440	9,500	9,500	4,937	4,702	4,512
<b>INDIANA:</b>									
January .....	313	284	258	730	740	745	228	210	192
February .....	310	282	257	680	715	750	211	202	193
March .....	307	280	256	780	815	830	239	228	212
April .....	303	278	255	795	830	840	241	231	214
May .....	299	275	254	850	910	920	254	250	234
June .....	296	272	252	830	840	875	246	228	220
July .....	293	270	251	810	810	850	237	219	213
August .....	291	268	250	760	760	790	221	204	198
September .....	289	266	250	740	720	775	214	192	194
October .....	288	264	249	740	720	770	213	190	192
November .....	287	262	248	715	710	735	205	186	182
December .....	286	260	247	740	730	770	212	190	190
Annual .....	297	272	252	9,160	9,300	9,660	2,721	2,530	2,434
<b>ILLINOIS:</b>									
January .....	403	367	336	730	760	745	294	279	250
February .....	400	365	335	705	710	730	282	259	245
March .....	397	361	334	810	815	815	322	294	272
April .....	394	359	333	810	825	825	319	296	275
May .....	391	357	332	860	880	895	336	314	297
June .....	388	355	330	840	840	875	326	298	289
July .....	385	351	329	810	820	850	312	288	280
August .....	382	348	328	770	800	800	294	278	262
September .....	379	346	327	690	725	735	262	251	240
October .....	376	343	326	690	710	725	259	244	236
November .....	373	340	325	675	685	700	252	233	228
December .....	370	338	324	720	720	725	266	243	235
Annual .....	386	352	330	9,130	9,310	9,420	3,524	3,277	3,109

See footnotes at end of table.

Table 9.-Milk cows and milk production, by months, by States,  
1966, 1967 and 1968 -- Continued

State and month	Milk cows on farms 1/			Milk per cow 2/			Milk production 2/		
	1966	1967	1968	1966	1967	1968	1966	1967	1968
<b>MICHIGAN:</b>	-- Thousands --			-- Pounds --			-- Million pounds --		
January .....	566	511	483	760	785	770	430	401	372
February .....	559	509	481	695	710	725	389	361	349
March .....	552	507	479	800	800	795	442	406	381
April .....	546	505	477	795	800	805	434	404	384
May .....	540	504	475	850	845	875	459	426	416
June .....	535	502	473	845	840	855	452	422	404
July .....	530	499	471	790	805	830	419	402	391
August .....	526	496	469	805	800	830	423	397	389
September .....	522	493	468	800	780	815	418	385	381
October .....	519	490	467	790	775	830	410	380	388
November .....	516	487	466	750	725	770	387	353	359
December .....	514	485	465	775	760	805	398	369	374
Annual .....	535	499	473	9,460	9,430	9,700	5,061	4,706	4,588
<b>WISCONSIN:</b>									
January .....	2,011	1,946	1,909	730	780	800	1,468	1,518	1,527
February .....	2,003	1,943	1,905	690	735	770	1,382	1,428	1,467
March .....	1,995	1,940	1,901	810	820	845	1,616	1,591	1,606
April .....	1,988	1,937	1,897	835	855	880	1,660	1,656	1,669
May .....	1,981	1,934	1,893	900	920	960	1,783	1,779	1,817
June .....	1,975	1,931	1,889	920	925	955	1,817	1,786	1,804
July .....	1,970	1,928	1,885	795	835	845	1,566	1,610	1,593
August .....	1,965	1,925	1,881	725	755	765	1,425	1,453	1,439
September .....	1,960	1,922	1,877	660	690	695	1,294	1,326	1,305
October .....	1,956	1,919	1,873	670	705	710	1,311	1,353	1,330
November .....	1,952	1,916	1,869	660	680	680	1,288	1,303	1,271
December .....	1,949	1,913	1,865	740	740	741	1,442	1,416	1,382
Annual .....	1,975	1,930	1,887	9,140	9,440	9,650	18,052	18,219	18,210
<b>MINNESOTA:</b>									
January .....	1,181	1,114	1,072	765	840	880	903	836	943
February .....	1,173	1,110	1,069	750	810	875	880	899	935
March .....	1,165	1,107	1,067	865	910	965	1,008	1,007	1,030
April .....	1,157	1,103	1,064	860	910	950	995	1,004	1,011
May .....	1,149	1,100	1,062	895	935	985	1,028	1,029	1,046
June .....	1,141	1,095	1,060	890	905	920	1,015	991	975
July .....	1,137	1,091	1,057	725	780	810	824	851	856
August .....	1,134	1,087	1,052	595	640	665	675	696	700
September .....	1,132	1,084	1,049	520	565	565	589	612	593
October .....	1,129	1,081	1,046	570	620	640	644	670	669
November .....	1,125	1,078	1,043	620	665	670	698	717	699
December .....	1,120	1,075	1,040	750	770	775	840	828	806
Annual .....	1,145	1,094	1,057	8,820	9,360	9,710	10,099	10,240	10,263
<b>IOWA:</b>									
January .....	674	628	587	675	715	725	455	449	426
February .....	670	624	584	635	685	710	425	427	415
March .....	666	620	580	725	760	775	483	471	450
April .....	662	616	577	760	780	790	503	480	456
May .....	658	613	574	845	860	870	556	527	499
June .....	654	610	570	845	850	870	553	518	496
July .....	650	606	567	800	795	820	520	482	465
August .....	646	603	564	730	730	750	472	440	423
September .....	642	600	561	670	670	690	430	402	387
October .....	638	596	557	670	680	700	427	405	390
November .....	634	593	554	631	650	670	400	385	371
December .....	630	590	550	690	700	727	435	413	400
Annual .....	652	608	569	8,680	8,880	9,100	5,659	5,399	5,178

See footnotes at end of table.

Table 9.--Milk cows and milk production, by months, by States,  
1966, 1967 and 1968--Continued

State and month	Milk cows on farms 1/			Milk per cow 2/			Milk production 2/		
	1966	1967	1968	1966	1967	1968	1966	1967	1968
<b>MISSOURI:</b>	-- Thousands --			-- Pounds --			-- Million pounds --		
January .....	437	407	388	490	530	550	214	216	213
February .....	434	405	386	520	523	560	226	212	216
March .....	431	403	384	575	595	610	248	240	234
April .....	429	401	382	655	680	695	281	273	265
May .....	426	399	381	750	790	805	320	315	307
June .....	423	397	380	775	810	825	328	322	314
July .....	420	395	379	745	790	805	313	312	305
August .....	417	393	378	675	740	735	281	291	278
September .....	415	392	377	610	670	680	253	263	256
October .....	413	391	376	625	645	605	258	252	227
November .....	411	390	375	570	590	600	234	230	225
December .....	409	389	374	520	570	585	213	222	219
Annual .....	422	397	380	7,510	7,930	8,050	3,169	3,148	3,059
<b>NORTH DAKOTA:</b>									
January .....	207	182	163	500	550	575	104	100	94
February .....	205	180	161	495	545	575	101	98	93
March .....	203	178	159	585	630	655	119	112	104
April .....	201	176	158	615	665	690	124	117	109
May .....	199	174	157	690	720	765	137	125	120
June .....	198	173	156	740	765	815	147	132	127
July .....	196	172	155	700	710	740	137	122	115
August .....	194	170	154	580	610	640	113	104	99
September .....	192	168	153	500	510	530	96	86	81
October .....	190	166	152	445	475	485	85	79	74
November .....	188	165	151	425	455	460	80	75	69
December .....	185	164	151	500	530	525	92	87	79
Annual .....	196	172	156	6,810	7,190	7,460	1,335	1,237	1,164
<b>SOUTH DAKOTA:</b>									
January .....	219	213	207	580	600	635	127	128	131
February .....	218	212	206	565	580	645	123	123	133
March .....	218	212	206	670	675	725	146	143	149
April .....	217	211	205	660	705	735	143	149	151
May .....	217	211	204	720	755	790	156	159	161
June .....	216	210	203	745	755	805	161	159	163
July .....	216	210	202	690	695	750	149	146	152
August .....	215	209	201	625	630	665	134	132	134
September .....	215	209	200	550	570	610	118	119	122
October .....	214	208	199	520	545	580	111	113	115
November .....	214	208	198	510	520	540	109	108	107
December .....	213	207	198	570	585	615	121	121	122
Annual .....	216	210	202	7,400	7,620	8,120	1,598	1,600	1,640
<b>NEBRASKA:</b>									
January .....	246	228	217	545	590	595	134	135	129
February .....	245	228	216	510	560	595	125	128	129
March .....	243	228	215	585	655	670	142	149	144
April .....	241	227	214	610	680	690	147	154	148
May .....	239	226	213	680	730	750	163	165	160
June .....	237	225	211	715	725	750	169	163	158
July .....	235	225	209	670	705	725	157	159	152
August .....	233	224	208	650	665	690	151	149	144
September .....	231	222	207	585	590	620	135	131	128
October .....	230	220	206	570	580	610	131	128	126
November .....	229	218	205	555	555	575	127	121	118
December .....	228	218	204	580	575	605	132	125	123
Annual .....	236	224	210	7,260	7,620	7,900	1,713	1,707	1,659

See footnotes at end of table.

Table 9.--Milk cows and milk production, by months, by States,  
1966, 1967 and 1968--Continued

State and month	Milk cows on farms 1/			Milk per cow 2/			Milk production 2/		
	1966	1967	1968	1966	1967	1968	1966	1967	1968
<b>KANSAS:</b>	-- Thousands --			-- Pounds --			-- Million pounds --		
January .....	238	226	215	575	650	645	137	147	139
February .....	237	225	215	555	600	635	132	135	137
March .....	236	224	214	650	680	695	153	152	149
April .....	235	223	214	660	705	720	155	157	154
May .....	234	222	213	675	740	760	158	164	162
June .....	233	221	212	645	695	715	150	154	152
July .....	232	220	212	620	650	680	144	143	144
August .....	231	219	211	610	625	655	141	137	138
September .....	230	218	211	610	610	640	140	133	135
October .....	229	217	210	610	615	640	140	133	134
November .....	228	216	210	615	615	640	140	133	134
December .....	227	216	209	650	630	665	148	136	139
Annual .....	232	221	212	7,490	7,800	8,100	1,738	1,724	1,717
<b>DELAWARE:</b>									
January .....	18	17	16	670	670	670	12.1	11.4	10.7
February .....	18	17	16	610	650	650	11.0	11.0	10.4
March .....	18	17	16	700	700	690	12.6	11.9	11.0
April .....	17	17	16	760	750	760	12.9	12.8	12.2
May .....	17	17	16	790	790	810	13.4	13.4	13.0
June .....	17	16	15	740	735	740	12.6	11.8	11.1
July .....	17	16	15	710	720	730	12.1	11.5	11.0
August .....	17	16	15	720	720	750	12.2	11.5	11.2
September .....	17	16	15	670	700	720	11.4	11.2	10.8
October .....	17	16	15	720	710	730	12.2	11.4	11.0
November .....	17	16	15	680	680	720	11.6	10.9	10.8
December .....	17	16	15	700	700	720	11.9	11.2	10.8
Annual .....	17	16	15	8,590	8,750	8,930	146	140	134
<b>MARYLAND:</b>									
January .....	183	177	172	690	710	710	126	126	122
February .....	182	177	172	675	660	680	123	117	117
March .....	182	176	171	730	740	730	133	130	125
April .....	181	176	171	720	740	740	130	130	127
May .....	181	175	171	760	795	790	138	139	135
June .....	180	175	170	705	735	730	127	129	124
July .....	180	174	170	700	725	740	126	126	126
August .....	179	174	170	715	740	740	128	129	126
September .....	179	173	170	700	710	740	125	123	126
October .....	178	173	169	710	725	770	126	125	130
November .....	178	172	169	700	690	750	125	119	127
December .....	178	172	169	720	715	760	128	123	128
Annual .....	180	174	170	8,530	8,710	8,900	1,535	1,516	1,513
<b>VIRGINIA:</b>									
January .....	253	244	235	555	555	570	140	135	134
February .....	253	244	234	490	495	535	124	121	125
March .....	252	243	233	550	555	595	139	135	139
April .....	252	243	232	585	600	640	147	146	148
May .....	251	242	232	670	695	720	168	168	167
June .....	250	241	232	640	665	700	160	160	162
July .....	249	240	231	640	665	700	159	160	162
August .....	249	240	230	670	695	705	167	167	162
September .....	248	239	229	635	660	665	157	158	152
October .....	247	238	228	630	645	650	156	154	148
November .....	246	237	228	580	585	590	143	139	135
December .....	245	236	228	550	565	565	135	133	129
Annual .....	250	241	231	7,180	7,370	7,630	1,795	1,776	1,763

See footnotes at end of table.

Table 9. Milk cows and milk production, by months, by States, 1966, 1967 and 1968 -- Continued

State and month	Milk cows on farms 1/			Milk per cow 2/			Milk production 2/		
	1966	1967	1968	1966	1967	1968	1966	1967	1968
<b>WEST VIRGINIA:</b>	-- Thousands --			-- Pounds --			-- Million pounds --		
January .....	82	75	69	460	470	495	38	35	34
February .....	82	75	69	410	430	460	34	32	32
March .....	81	74	68	485	515	530	39	38	36
April .....	81	74	68	500	530	545	40	39	37
May .....	80	73	67	540	565	570	43	41	38
June .....	80	73	67	530	550	565	42	40	38
July .....	79	73	67	520	550	550	41	40	37
August .....	79	72	67	490	540	545	39	39	37
September .....	78	72	67	505	520	525	39	37	35
October .....	77	71	66	510	520	535	39	37	35
November .....	76	71	66	480	485	500	36	34	33
December .....	75	70	65	485	485	505	36	34	33
Annual .....	79	73	67	5,900	6,110	6,340	466	446	425
<b>NORTH CAROLINA:</b>									
January .....	213	203	197	560	600	610	119	122	120
February .....	213	202	196	505	560	590	108	113	116
March .....	212	202	195	570	620	635	121	125	124
April .....	211	201	194	580	635	650	122	128	126
May .....	210	201	193	600	640	660	126	129	127
June .....	209	200	192	600	625	645	125	125	124
July .....	208	199	192	595	630	645	124	125	124
August .....	207	199	192	605	630	645	125	125	124
September .....	206	198	192	625	630	640	129	125	123
October .....	205	198	191	630	640	645	129	127	123
November .....	204	197	191	600	620	640	122	122	122
December .....	203	197	191	615	620	640	125	122	122
Annual .....	208	200	193	7,090	7,440	7,640	1,475	1,488	1,475
<b>SOUTH CAROLINA:</b>									
January .....	78	76	73	560	575	580	44	44	42
February .....	78	76	73	500	535	565	39	41	41
March .....	78	76	73	575	605	605	45	46	44
April .....	78	75	72	575	610	635	45	46	46
May .....	77	75	72	580	615	620	45	46	45
June .....	77	75	72	530	570	575	41	43	41
July .....	77	74	72	535	585	575	41	43	41
August .....	77	74	72	545	585	585	42	43	42
September .....	76	74	72	560	570	595	43	42	43
October .....	76	74	71	565	570	600	43	42	43
November .....	76	74	71	545	555	585	41	41	42
December .....	76	74	71	575	595	615	44	44	44
Annual .....	77	75	72	6,660	6,950	7,140	513	521	514
<b>GEORGIA:</b>									
January .....	152	146	140	550	590	630	84	86	88
February .....	152	146	140	490	540	585	74	79	82
March .....	151	145	140	560	630	650	85	91	91
April .....	151	145	139	575	620	660	87	90	92
May .....	150	144	139	580	620	655	87	89	91
June .....	150	144	139	540	575	605	81	83	84
July .....	149	143	138	545	590	615	81	84	85
August .....	149	143	138	550	590	610	82	84	84
September .....	148	142	138	560	600	615	83	85	85
October .....	148	142	138	575	615	630	85	87	87
November .....	147	142	138	570	605	615	84	85	85
December .....	147	141	138	590	620	630	87	87	87
Annual .....	150	144	139	6,670	7,150	7,490	1,000	1,030	1,041

See footnotes at end of table.

Table 9.-Milk cows and milk production, by months, by States,  
1966, 1967 and 1968 - Continued

State and month	Milk cows on farms 1/			Milk per cow 2/			Milk production 2/		
	1966	1967	1968	1966	1967	1968	1966	1967	1968
	-- Thousands --			-- Pounds --			-- Million pounds --		
<b>FLORIDA:</b>									
January .....	180	184	183	695	740	760	125	136	139
February .....	180	184	183	645	695	720	116	128	132
March .....	179	184	183	730	800	780	131	147	143
April .....	178	183	182	720	760	770	128	139	140
May .....	178	183	182	720	775	775	128	142	141
June .....	178	182	182	680	720	700	121	131	127
July .....	178	181	181	660	690	680	117	125	123
August .....	179	181	181	650	675	675	116	122	122
September .....	180	181	181	650	665	650	117	120	118
October .....	181	182	182	680	705	675	123	128	123
November .....	182	182	182	680	685	655	124	125	119
December .....	183	183	183	710	725	695	130	133	127
Annual .....	180	182	182	8,200	8,660	8,540	1,476	1,576	1,554
<b>KENTUCKY:</b>									
January .....	409	385	374	425	465	465	174	179	174
February .....	406	384	373	410	450	455	166	173	170
March .....	403	383	372	495	530	525	199	203	195
April .....	401	382	370	555	600	595	223	229	220
May .....	399	381	369	655	665	685	261	253	253
June .....	397	380	367	645	650	670	256	247	246
July .....	395	380	366	615	655	660	243	249	242
August .....	393	379	365	615	645	650	242	244	237
September .....	391	378	364	585	590	615	229	223	224
October .....	389	377	363	535	540	560	208	204	203
November .....	387	376	361	455	465	480	176	175	173
December .....	385	375	360	450	455	480	173	171	173
Annual .....	396	380	367	6,440	6,710	6,840	2,550	2,550	2,510
<b>TENNESSEE:</b>									
January .....	379	356	338	390	430	455	148	153	154
February .....	378	355	336	360	390	440	136	138	148
March .....	376	353	334	425	455	485	160	161	162
April .....	374	352	332	495	560	575	185	197	191
May .....	372	350	331	565	615	635	210	215	210
June .....	370	349	330	550	590	615	204	206	203
July .....	368	347	329	545	590	605	201	205	199
August .....	366	346	328	550	580	590	201	201	194
September .....	364	344	326	525	535	550	191	184	179
October .....	362	343	324	490	515	530	177	177	172
November .....	360	342	322	430	450	475	155	154	153
December .....	358	340	320	430	450	470	154	153	150
Annual .....	369	348	329	5,750	6,160	6,430	2,122	2,144	2,115
<b>ALABAMA:</b>									
January .....	161	155	146	425	440	460	68	68	67
February .....	160	154	145	390	410	435	62	63	63
March .....	160	153	145	430	470	485	69	72	70
April .....	159	152	144	440	480	495	70	73	71
May .....	159	151	144	440	465	480	70	70	69
June .....	158	150	143	415	435	460	66	65	66
July .....	158	149	143	415	440	460	66	66	66
August .....	157	148	142	420	435	460	66	64	65
September .....	157	148	142	440	445	470	69	66	67
October .....	156	147	141	445	455	480	69	67	68
November .....	156	147	141	435	455	470	68	67	66
December .....	155	146	140	460	485	500	71	71	70
Annual .....	158	150	143	5,150	5,410	5,650	814	812	808

See footnotes at end of table.

Table 9.--Milk cows and milk production, by months, by States,  
1966, 1967 and 1968--Continued

State and month	Milk cows on farms 1/			Milk per cow 2/			Milk production 2/		
	1966	1967	1968	1966	1967	1968	1966	1967	1968
<b>MISSISSIPPI:</b>	-- Thousands --			-- Pounds --			-- Million pounds --		
January .....	251	230	213	350	380	405	88	87	86
February .....	249	228	212	315	345	375	78	79	80
March .....	247	227	211	360	410	425	89	93	90
April .....	245	225	211	405	455	460	99	102	97
May .....	243	224	210	415	455	470	101	102	99
June .....	242	222	210	415	445	460	100	99	97
July .....	241	221	209	410	445	460	99	98	96
August .....	240	219	208	415	445	450	100	97	94
September .....	238	218	207	400	425	440	95	93	91
October .....	236	217	206	385	410	425	91	89	88
November .....	234	216	205	375	400	415	88	86	85
December .....	232	215	205	395	415	440	92	89	90
Annual .....	242	222	209	4,630	5,020	5,230	1,120	1,114	1,093
<b>ARKANSAS:</b>									
January .....	120	113	105	415	430	470	50	49	49
February .....	119	112	105	385	405	450	46	45	47
March .....	118	111	104	465	485	510	55	54	53
April .....	118	110	104	525	555	570	62	61	59
May .....	117	109	103	605	625	645	71	68	66
June .....	116	108	102	595	610	630	69	66	64
July .....	116	108	102	570	610	630	66	66	64
August .....	115	107	102	575	600	630	66	64	64
September .....	114	107	101	535	550	585	61	59	59
October .....	114	106	101	490	540	575	56	57	58
November .....	113	106	100	460	500	530	52	53	53
December .....	113	105	100	440	485	515	50	51	52
Annual .....	116	108	102	6,070	6,420	6,750	704	693	688
<b>LOUISIANA:</b>									
January .....	199	191	184	430	465	480	86	89	88
February .....	199	191	183	370	425	450	74	81	82
March .....	198	190	182	430	490	500	85	93	91
April .....	198	190	182	450	500	510	89	95	93
May .....	197	189	181	440	475	490	87	90	89
June .....	196	189	180	410	430	450	80	81	81
July .....	196	188	180	405	440	460	79	83	83
August .....	195	187	179	420	445	455	82	83	81
September .....	194	187	178	440	440	470	85	82	84
October .....	193	186	178	445	445	480	86	83	85
November .....	193	186	177	445	440	470	86	82	83
December .....	192	185	176	480	485	530	92	90	93
Annual .....	196	188	180	5,160	5,490	5,740	1,011	1,032	1,033
<b>OKLAHOMA:</b>									
January .....	174	162	156	605	640	660	105	104	103
February .....	173	161	156	550	600	630	95	97	98
March .....	172	161	156	635	685	690	109	110	108
April .....	171	160	156	680	730	730	116	117	114
May .....	170	160	155	715	770	770	122	123	119
June .....	168	159	155	680	725	725	114	115	112
July .....	167	159	155	660	715	715	110	114	111
August .....	166	158	155	665	695	685	110	110	106
September .....	165	158	154	650	670	660	107	106	102
October .....	164	157	154	640	685	685	105	108	105
November .....	163	157	154	625	665	665	102	104	102
December .....	162	157	154	650	680	670	105	107	103
Annual .....	168	159	155	7,740	8,270	8,280	1,300	1,315	1,283

See footnotes at end of table.



Table 9.-Milk cows and milk production, by months, by States,  
1966, 1967 and 1968 --- Continued

State and month	Milk cows on farms 1/			Milk per cow 2/			Milk production 2/		
	1966	1967	1968	1966	1967	1968	1966	1967	1968
<b>TEXAS:</b>	-- Thousands --			-- Pounds --			-- Million pounds --		
January .....	414	389	377	605	625	655	250	243	247
February .....	413	388	377	540	585	630	223	227	238
March .....	411	387	375	630	670	690	259	259	259
April .....	409	386	373	648	695	720	265	268	269
May .....	407	385	371	650	710	735	265	273	273
June .....	403	384	368	625	660	685	252	253	252
July .....	401	383	365	610	670	695	245	257	254
August .....	398	382	362	615	660	670	245	252	243
September .....	396	381	359	605	645	655	240	246	235
October .....	394	380	355	605	660	680	238	251	241
November .....	392	379	351	580	645	660	227	244	232
December .....	390	378	347	610	680	690	238	257	239
Annual .....	402	384	365	7,330	7,890	8,170	2,947	3,030	2,982
<b>MONTANA:</b>									
January .....	55	52	48	500	540	570	28	28	27
February .....	55	52	48	500	505	570	28	26	27
March .....	55	52	48	540	560	590	30	29	28
April .....	54	52	47	585	615	640	32	32	30
May .....	54	51	47	715	710	750	39	36	35
June .....	54	50	46	720	740	780	39	37	36
July .....	54	50	46	660	700	730	36	35	34
August .....	53	50	46	615	660	665	33	33	31
September .....	53	50	46	560	600	620	30	30	29
October .....	53	49	46	530	590	600	28	29	28
November .....	52	49	45	520	570	580	27	28	26
December .....	52	48	45	500	560	565	26	27	25
Annual .....	54	50	46	6,960	7,400	7,740	376	370	356
<b>IDAHO:</b>									
January .....	164	159	155	670	715	710	110	114	110
February .....	164	159	155	640	675	685	105	107	106
March .....	164	159	156	735	800	775	121	127	121
April .....	163	158	156	755	815	800	123	129	125
May .....	162	157	156	835	885	880	135	139	137
June .....	161	157	156	880	885	895	142	139	140
July .....	161	156	156	850	840	850	137	131	133
August .....	161	156	156	805	795	820	130	124	128
September .....	161	156	156	740	755	765	119	118	119
October .....	161	155	156	715	725	730	115	112	114
November .....	160	155	157	670	685	690	107	106	108
December .....	159	155	157	715	715	720	114	111	113
Annual .....	162	157	156	9,000	9,280	9,320	1,458	1,457	1,454
<b>WYOMING:</b>									
January .....	22.5	20.5	20.0	590	640	640	13.3	13.1	12.8
February .....	22.3	20.5	19.9	545	585	595	12.2	12.0	11.8
March .....	22.1	20.5	19.8	620	655	665	13.7	13.4	13.2
April .....	21.9	20.5	19.7	630	670	680	13.8	13.7	13.4
May .....	21.7	20.5	19.6	695	720	735	15.1	14.8	14.4
June .....	21.5	20.5	19.5	715	725	755	15.4	14.9	14.7
July .....	21.3	20.4	19.5	710	705	730	15.1	14.4	14.2
August .....	21.1	20.3	19.4	670	685	705	14.1	13.9	13.7
September .....	21.0	20.2	19.3	620	635	650	13.0	12.8	12.5
October .....	20.9	20.1	19.2	610	640	660	12.7	12.9	12.7
November .....	20.8	20.0	19.1	575	620	635	12.0	12.4	12.1
December .....	20.7	20.0	19.0	610	635	660	12.6	12.7	12.5
Annual .....	21.5	20.3	19.5	7,600	7,930	8,110	163	161	158

See footnotes at end of table.

Table 9.--Milk cows and milk production, by months, by States,  
1966, 1967 and 1968--Continued

State and month	Milk cows on farms 1/			Milk per cow 2/			Milk production 2/		
	1966	1967	1968	1966	1967	1968	1966	1967	1968
<b>COLORADO:</b>	-- Thousands --			-- Pounds --			-- Million pounds --		
January .....	99	98	99	655	680	680	65	67	67
February .....	99	98	99	615	640	660	61	63	65
March .....	99	98	99	695	720	720	69	71	71
April .....	99	98	99	695	725	720	69	71	71
May .....	99	98	99	745	770	775	74	75	77
June .....	99	98	99	740	745	750	73	73	74
July .....	99	97	99	740	740	740	73	72	73
August .....	99	97	100	715	705	710	71	68	71
September .....	99	98	100	680	685	690	67	67	69
October .....	99	98	100	680	690	700	67	68	70
November .....	98	99	100	660	670	670	65	66	67
December .....	98	99	100	680	685	690	67	68	69
Annual .....	99	98	99	8,290	8,460	8,530	821	829	844
<b>NEW MEXICO:</b>									
January .....	39	38	38	615	685	685	24	26	26
February .....	38	38	38	580	630	660	22	24	25
March .....	38	38	38	655	660	685	25	25	26
April .....	38	38	38	640	660	685	24	25	26
May .....	38	38	38	685	685	710	26	26	27
June .....	38	38	38	655	660	685	25	25	26
July .....	38	38	38	655	660	710	25	25	27
August .....	38	38	38	655	685	710	25	26	27
September .....	38	38	38	630	685	685	24	26	26
October .....	38	38	38	660	710	710	25	27	27
November .....	38	38	38	630	685	685	24	26	26
December .....	38	38	38	645	685	685	25	26	26
Annual .....	38	38	38	7,740	8,080	8,290	294	307	315
<b>ARIZONA:</b>									
January .....	51	52	51	860	860	920	44	45	47
February .....	51	52	51	815	810	900	42	42	46
March .....	51	52	51	915	940	975	47	49	50
April .....	51	52	51	915	950	925	47	49	47
May .....	52	52	51	915	940	925	48	49	47
June .....	52	51	51	860	865	870	45	44	44
July .....	52	51	51	840	845	865	44	43	44
August .....	52	51	52	820	825	865	43	42	45
September .....	52	51	52	825	825	880	43	42	46
October .....	52	51	52	850	880	900	44	45	47
November .....	52	51	52	820	865	870	43	44	45
December .....	52	51	52	840	880	870	44	45	45
Annual .....	52	51	51	10,270	10,570	10,840	534	539	553
<b>UTAH:</b>									
January .....	78	76	74	755	790	800	59	60	59
February .....	78	77	74	690	740	770	54	57	57
March .....	78	77	74	780	840	850	61	65	63
April .....	78	77	75	810	840	850	63	65	64
May .....	77	77	75	870	900	910	67	69	68
June .....	77	77	75	860	860	890	66	66	67
July .....	77	76	75	860	860	910	66	65	68
August .....	77	76	75	830	830	880	64	63	66
September .....	76	75	75	790	800	810	60	60	61
October .....	76	75	76	790	800	830	60	60	63
November .....	76	75	76	750	760	790	57	57	60
December .....	76	74	76	775	780	830	59	58	63
Annual .....	77	76	75	9,560	9,800	10,120	736	745	759

See footnotes at end of table.

Table 9.-Milk cows and milk production, by months, by States,  
1966, 1967 and 1968 - Continued

State and month	Milk cows on farms 1/			Milk per cow 2/			Milk production 2/		
	1966	1967	1968	1966	1967	1968	1966	1967	1968
	-- Thousands --			-- Pounds --			-- Million pounds --		
<b>NEVADA:</b>									
January	13.5	13.3	13.6	785	800	780	10.6	10.6	10.6
February	13.5	13.3	13.6	740	750	765	10.0	10.0	10.4
March	13.5	13.4	13.6	850	865	855	11.5	11.6	11.6
April	13.5	13.4	13.6	845	860	845	11.4	11.5	11.5
May	13.4	13.4	13.6	900	905	900	12.1	12.1	12.2
June	13.4	13.4	13.6	890	880	870	11.9	11.8	11.8
July	13.4	13.5	13.7	895	880	880	12.0	11.9	12.1
August	13.4	13.5	13.7	865	865	865	11.6	11.7	11.9
September	13.3	13.5	13.7	835	815	840	11.1	11.0	11.5
October	13.3	13.6	13.8	830	810	835	11.0	11.0	11.5
November	13.3	13.6	13.8	775	760	790	10.3	10.3	10.9
December	13.3	13.6	13.8	790	770	795	10.5	10.5	11.0
Annual	13.4	13.5	13.7	10,000	9,930	10,020	134	134	137
<b>WASHINGTON:</b>									
January	203	198	194	740	785	790	150	155	153
February	201	198	191	685	710	755	138	141	144
March	199	197	188	790	810	840	157	160	158
April	198	196	186	880	890	920	174	174	171
May	197	195	185	975	990	1,020	192	193	189
June	196	194	184	915	935	980	179	181	180
July	196	194	184	885	895	935	173	174	172
August	197	194	184	855	850	895	168	165	165
September	198	193	185	815	830	875	161	160	162
October	199	194	185	810	830	875	161	161	162
November	200	194	185	755	750	800	151	146	148
December	200	195	185	760	760	805	152	148	149
Annual	199	195	186	9,830	10,040	10,500	1,956	1,958	1,953
<b>OREGON:</b>									
January	124	120	114	530	565	595	66	68	68
February	123	119	114	505	530	570	62	63	65
March	123	118	114	625	645	665	77	76	76
April	123	117	114	725	745	775	89	87	88
May	122	116	114	845	855	870	103	99	99
June	122	115	113	820	835	855	100	96	97
July	122	115	113	800	810	835	98	93	94
August	122	115	113	735	750	770	90	86	87
September	121	114	113	650	680	710	79	78	80
October	121	114	112	610	660	685	74	75	77
November	121	114	112	580	620	630	70	71	71
December	121	114	112	580	600	620	70	68	69
Annual	122	116	113	8,020	8,280	8,590	978	960	971
<b>CALIFORNIA:</b>									
January	777	780	780	855	905	890	664	706	694
February	777	780	780	785	835	855	610	651	667
March	776	780	780	925	970	965	718	757	753
April	775	780	781	945	945	965	732	737	754
May	773	780	781	1,000	1,000	1,015	773	780	793
June	772	780	781	975	980	990	753	764	773
July	772	780	781	1,000	985	1,020	772	768	797
August	772	780	781	970	960	1,010	749	749	789
September	775	780	781	930	910	955	721	710	746
October	777	780	781	930	915	960	723	714	750
November	777	780	781	885	870	915	688	679	715
December	777	780	781	900	885	920	699	690	719
Annual	775	780	781	11,100	11,160	11,460	8,602	8,705	8,950

See footnotes at end of table.

OFFICIAL BUSINESS

Table 9.--Milk cows and milk production, by months, by States,  
 1966, 1967 and 1968--Continued

State and month	Milk cows on farms 1/			Milk per cow 2/			Milk production 2/		
	1966	1967	1968	1966	1967	1968	1966	1967	1968
<b>ALASKA:</b>	-- Thousands --			-- Pounds --			-- Million pounds --		
January .....	2.1	1.9	1.8	805	805	810	1.69	1.53	1.46
February .....	2.1	1.9	1.8	735	760	790	1.54	1.44	1.42
March .....	2.1	2.0	1.9	795	800	810	1.67	1.60	1.54
April .....	2.1	2.0	1.9	750	770	770	1.58	1.54	1.46
May .....	2.1	2.0	1.8	775	805	835	1.63	1.61	1.50
June .....	2.0	1.9	1.8	810	840	865	1.62	1.60	1.56
July .....	2.0	1.9	1.8	795	840	880	1.59	1.60	1.58
August .....	2.0	1.8	1.8	810	850	895	1.62	1.53	1.61
September .....	1.9	1.8	1.7	820	840	860	1.56	1.51	1.46
October .....	1.9	1.8	1.7	805	810	800	1.53	1.46	1.36
November .....	1.9	1.8	1.7	770	755	790	1.46	1.36	1.34
December .....	1.9	1.8	1.7	795	790	830	1.51	1.42	1.41
Annual .....	2.0	1.9	1.8	9,500	9,580	9,830	19.0	18.2	17.7
<b>HAWAII:</b>									
January .....	15.8	14.6	14.1	865	875	860	13.7	12.8	12.1
February .....	15.4	14.5	14.0	820	800	795	12.6	11.6	11.1
March .....	15.4	14.3	13.9	895	900	850	13.8	12.9	11.8
April .....	15.4	14.1	13.7	865	865	830	13.3	12.2	11.4
May .....	15.3	14.2	13.6	875	925	880	13.4	13.1	12.0
June .....	14.8	14.3	13.5	850	845	830	12.6	12.1	11.2
July .....	14.7	14.3	13.4	845	875	820	12.4	12.5	11.0
August .....	14.6	14.4	13.3	820	840	800	12.0	12.1	10.6
September .....	14.6	14.5	13.3	780	800	770	11.4	11.6	10.2
October .....	14.6	14.4	13.3	810	825	810	11.8	11.9	10.8
November .....	14.6	14.4	13.3	795	820	810	11.6	11.8	10.8
December .....	14.7	14.3	13.1	845	865	840	12.4	12.4	11.0
Annual .....	15.0	14.4	13.5	10,060	10,200	9,930	151	147	134

1/ Excludes heifers not yet fresh. 2/ Excludes milk sucked by calves.