

MILK PRODUCTION

JANUARY 1970

Release:
February 11, 1970
3:00 P.M. EST

January milk production about the same as a year earlier

U. S. milk production in January is estimated at 9,412 million pounds compared with 9,411 million pounds a year earlier. Production increased 3 percent from December 1969 to January 1970, the same gain as a year earlier. Milk production was above a year earlier in most of the North and South Atlantic States, but down in most States of the North Central Region. In the South Central and West, production was mostly unchanged or higher. January output per cow provided 1.48 pounds of milk per person daily for all uses, compared with 1.45 pounds a month earlier and 1.50 pounds a year earlier.

Production per cow up 2 percent, milk cows down 2 percent

January milk production per cow was 750 pounds, up 2 percent from a year earlier and 3 percent above a month earlier. January rate per cow was at a record high rate in 43 States and highest in Arizona at 995 pounds. Following were California, 935 pounds; Alaska, 925 pounds; Hawaii, 910 pounds; and Massachusetts and New Jersey each with 895 pounds. Milk cows on farms during January totaled 12,544,000, 2 percent less than a year earlier and 5 percent less than January 1968.

Grain and concentrate feeding up 3 percent from a year earlier

Feeding of grain and concentrate averaged 12.0 pounds per milk cow on February 1, a record-high for any date and 3 percent above the previous February 1 record of 11.6 pounds in 1969. Feeding rates were higher than a year earlier in 33 States, and averaged 12 or more pounds per cow in 24 States compared with 21 States a year earlier.

Milk-feed price ratio 1 percent above a year earlier

The January milk-feed price ratio was 1.80, a record-high for January and 1 percent above the previous high of 1.78 a year earlier. Higher milk prices more than offset the increase in ration value in January. The ratio was down 3 percent from December, the same seasonal decline as a year earlier.

Special in this issue MILK COWS AND MILK PRODUCTION Revised, 1968-69
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MILK COWS AND MILK PRODUCTION - 1969

The Nation's milk cows produced 116.2 billion pounds of milk in 1969, 0.9 percent less than the revised estimate of 117.2 billion pounds produced in 1968 and the smallest U. S. production since 1952. The annual average number of milk cows on farms in 1969 was a record-low 12,689,000, down 3 percent from the previous record low of 13,038,000 in 1968. Output per cow reached a record-high rate of 9,158 pounds in 1969, up 2 percent from the previous record of 8,992 pounds in 1968. The revised estimates for 1968 and 1969 are based on annual review of more complete production and utilization data.

Milk production in 1969 was 9 percent below the record 1964 output of 127.0 billion pounds. Wisconsin's 1969 production of 18.0 billion pounds was the largest in the Nation, followed by New York, 10.3 billion pounds; Minnesota, 9.7 billion and California, 8.9 billion. Of the 10 leading States in milk production, 3 had larger production than a year earlier, the rest produced less milk. Production in the 10 leading States as a group accounted for 64 percent of U. S. production and was down 1 percent from a year earlier. U. S. production was below a year earlier during the first seven months and last two months of 1969, but above in August through October.

Annual production per cow set a new high of 9,158 pounds in 1969, up 2 percent from the previous record of 8,992 pounds in 1968. Rate per cow increased in all but 5 States and was highest in California at 11,521 pounds. Following were Arizona, 11,235 pounds; Washington, 10,809 pounds; New Jersey, 10,493 pounds; and Hawaii, 10,391 pounds.

The annual average number of milk cows on farms in 1969 was a record low of 12,689,000, down 3 percent from the previous low of 13,038,000 in 1968. Milk cows have declined each year since 1953 but the current decline is somewhat less than most recent years. Annual decreases from a year earlier during the period from 1965 to 1968 have been 5 percent, 6 percent, 4 percent and 3 percent.

Cows and heifers two years old and older kept for milk on farms January 1, 1970 are estimated at 13,875,000, down 2 percent from a year earlier, compared with a 3 percent decrease from 1968 to 1969. Dairy replacement heifers 1-2 years old are estimated at 3,462,000 on January 1, down 2 percent from a year earlier. Heifer calves under 1 year old being raised for dairy replacements totaled 3,859,000 on January 1, down 2 percent. Total heifers and calves kept for dairy replacement stock on January 1 were 53 percent of the number 2 years old and older on January 1, the same percentage as a year earlier.

Cows and heifers eliminated from dairy herds during 1969 were 27 percent of the number 2 years and older on hand at the beginning of 1969, down slightly from the 28 percent eliminated during 1968.

Table 1.-January milk cows and milk production

State	Milk cows on farms 1/			Milk per cow			Milk production			Change from 1969
	1968	1969	1970	1968	1969	1970	1968	1969	1970	
	Thousands			Pounds			Million pounds			Percent
Maine	70	69	69	655	675	705	46	47	49	+4
N. H.	39	38	38	775	800	805	30	30	31	+3
Vt.	210	206	205	700	705	740	147	145	152	+5
Mass.	71	67	65	835	870	895	59	58	58	0
R. I.	8.5	7.9	7.9	800	830	850	6.8	6.6	6.7	+2
Conn.	68	67	66	835	870	885	57	58	58	0
N. Y.	1,055	1,025	1,018	810	830	845	855	851	860	+1
N. J.	82	75	74	850	890	895	70	67	66	-1
Pa.	733	722	715	745	770	800	546	556	572	+3
Ohio	482	468	457	755	760	770	364	356	352	-1
Ind.	258	243	244	760	810	810	196	197	198	+1
Ill.	336	324	320	755	755	760	254	245	243	-1
Mich.	483	474	469	770	795	815	372	377	382	+1
Wis.	1,909	1,862	1,827	785	785	800	1,499	1,462	1,462	0
Minn.	1,072	1,035	977	865	865	885	927	895	865	-3
Iowa	587	547	507	710	725	715	417	397	363	-9
Mo.	387	373	362	545	560	570	211	209	206	-1
N. Dak.	163	151	144	580	560	585	95	85	84	-1
S. Dak.	207	197	185	640	655	660	132	129	122	-5
Nebr.	218	206	197	600	625	635	131	129	125	-3
Kans.	215	208	203	635	665	650	137	138	132	-4
Del.	16	15	15	670	725	740	10.7	10.9	11.1	+2
Md.	172	169	167	710	755	770	122	128	129	+1
Va.	235	227	223	595	615	635	140	140	142	+1
W. Va.	69	64	62	495	495	525	34	32	33	+3
N. C.	197	191	189	610	625	635	120	119	120	+1
S. C.	73	71	68	575	590	605	42	42	41	-2
Ga.	140	140	140	630	670	730	88	94	102	+9
Fla.	184	189	192	755	720	735	139	136	141	+4
Ky.	374	359	347	450	480	510	168	172	177	+3
Tenn.	338	318	307	455	465	495	154	148	152	+3
Ala.	146	140	136	460	480	495	67	67	67	0
Miss.	213	204	198	395	405	415	84	83	82	-1
Ark.	105	100	97	470	500	510	49	50	49	-2
La.	184	176	174	480	515	550	88	91	96	+5
Okl.	156	153	150	660	665	700	103	102	105	+3
Texas	377	348	354	655	700	695	247	244	246	+1
Mont.	48	45	43	570	585	600	27	26	26	0
Idaho	155	156	154	715	720	725	111	112	112	0
Wyo.	20.0	19.0	18.7	640	650	660	12.8	12.4	12.3	-1
Colo.	99	100	102	665	700	695	66	70	71	+1
N. Mex.	38	37	36	685	705	720	26	26	26	0
Ariz.	51	52	51	920	920	995	47	48	51	+6
Utah	74	76	76	800	820	830	59	62	63	+2
Nev.	13.6	13.8	13.8	780	810	800	10.6	11.2	11.0	-2
Wash.	194	184	183	790	830	840	153	153	154	+1
Oreg.	114	111	108	595	605	625	68	67	68	+1
Calif.	780	781	775	890	915	935	694	715	725	+1
Alaska	1.8	1.7	1.7	810	845	925	1.46	1.44	1.57	+9
Hawaii	14.1	13.0	13.0	860	830	910	12.1	10.8	11.8	+9
U. S.	13,235	12,818	12,544	717	734	750	9,495	9,411	9,412	0.0

1/ Includes dry cows. Excludes heifers not yet fresh.

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

State	1968	1969	1970	State	1968	1969	1970
	Pounds				Pounds		
Maine	11.4	12.2	12.5	West Virginia	8.4	8.5	8.8
New Hampshire	11.1	11.8	11.7	North Carolina	10.5	10.5	11.0
Vermont	10.6	10.9	11.3	South Carolina	10.5	12.0	11.5
Massachusetts	12.4	13.2	13.5	Georgia	12.0	14.0	14.5
Rhode Island	12.0	13.2	13.5	Florida	10.0	10.0	13.0
Connecticut	13.0	13.6	13.5				
New York	11.4	12.0	12.2	Kentucky	9.9	9.5	9.3
New Jersey	12.8	13.0	14.3	Tennessee	8.2	9.6	9.8
Pennsylvania	13.2	13.6	13.7	Alabama	11.0	11.5	12.5
				Mississippi	8.5	9.5	9.5
Ohio	12.3	13.0	13.3	Arkansas	11.1	12.6	12.8
Indiana	10.8	12.9	13.3	Louisiana	10.9	12.0	12.8
Illinois	11.0	12.0	12.7	Oklahoma	12.0	12.5	12.5
Michigan	11.3	11.7	12.3	Texas	9.5	11.5	13.5
Wisconsin	9.9	11.3	11.5				
				Montana	8.0	9.0	10.0
Minnesota	12.9	12.5	12.8	Idaho	7.5	8.4	8.7
Iowa	11.5	11.0	11.9	Wyoming	6.0	6.5	7.5
Missouri	9.4	10.6	10.5	Colorado	10.0	11.6	12.3
North Dakota	10.0	11.6	10.7	New Mexico	10.0	12.0	11.0
South Dakota	8.9	10.1	9.8	Arizona	10.0	11.0	11.0
Nebraska	8.3	8.9	10.6	Utah	9.2	9.6	9.7
Kansas	9.9	12.5	12.5	Nevada	10.0	11.0	11.0
				Washington	9.5	10.8	10.8
Delaware	13.5	12.9	13.7	Oregon	8.0	8.8	9.5
Maryland	13.7	13.9	13.7	California	12.0	13.0	13.0
Virginia	10.5	10.7	11.2	United States	10.9	11.6	12.0

Table 3.-Milk-feed price ratios, milk prices, and ration values by regions 1/

Region	Milk-feed price ratio 2/			All milk price per cwt.			Ration value 3/		
	Jan. 1969	Dec. 1969	Jan. 1970	Jan. 1969	Dec. 1969	Jan. 1970	Jan. 1969	Dec. 1969	Jan. 1970
	Pounds			Dollars					
N. Atl.	1.68	1.71	1.67	6.12	6.35	6.27	3.64	3.71	3.76
E. N. Cent.	1.78	1.86	1.80	5.17	5.55	5.50	2.91	2.98	3.06
W. N. Cent.	1.81	1.92	1.84	4.71	5.06	4.98	2.60	2.63	2.70
S. Atl.	1.97	1.97	1.94	6.78	6.95	7.00	3.44	3.52	3.61
S. Cent.	1.92	1.97	1.93	6.30	6.61	6.61	3.28	3.35	3.42
West.	1.74	1.81	1.79	5.47	5.73	5.74	3.15	3.16	3.20
U. S.	1.78	1.85	1.80	5.53	5.86	5.80	3.11	3.16	3.23

1/ Data for current month are preliminary.

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

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

Table 4.--Dairy cattle on farms January 1

State	:Cows and heifers 2 years old : and older kept for milk 1/ :			: Heifers 1 to 2 years old: kept for milk cows :			: Heifer calves under 1 year kept for milk cows :		
	1968	1969	1970	1968	1969	1970	1968	1969	1970
	----- Thousands -----								
Maine	78	77	77	23	24	24	24	24	23
New Hampshire	44	43	43	12	12	11	13	12	12
Vermont	236	232	230	47	52	50	52	54	51
Massachusetts	78	75	72	15	15	13	17	18	16
Rhode Island	9	8	8	1	1	1	2	2	2
Connecticut	76	75	74	17	17	17	19	19	19
New York	1,172	1,132	1,127	273	271	280	281	281	282
New Jersey	90	82	80	15	15	15	16	15	15
Pennsylvania	823	815	807	213	219	217	245	252	245
Ohio	529	503	493	129	124	119	132	129	125
Indiana	288	274	270	73	71	69	84	76	73
Illinois	378	363	359	92	87	84	125	114	114
Michigan	525	509	509	145	139	135	160	152	151
Wisconsin	2,147	2,094	2,062	556	550	546	585	568	566
Minnesota	1,181	1,146	1,089	318	320	302	335	326	313
Iowa	644	605	568	172	163	157	192	185	180
Missouri	429	412	400	104	105	105	128	128	128
North Dakota	183	168	163	34	31	30	43	40	38
South Dakota	225	214	200	40	40	39	61	58	55
Nebraska	235	222	211	46	44	43	55	53	53
Kansas	240	230	224	52	51	48	54	51	50
Delaware	17	16	16	4	3	3	3	2	2
Maryland	186	184	182	39	40	40	42	40	41
Virginia	264	253	245	64	61	57	78	78	76
West Virginia	77	72	69	11	12	12	15	13	12
North Carolina	218	211	207	55	54	53	58	60	58
South Carolina	82	76	74	16	15	15	18	17	16
Georgia	155	152	152	40	38	38	46	44	44
Florida	189	194	199	25	24	24	27	27	27
Kentucky	421	400	388	94	93	90	106	106	98
Tennessee	375	352	345	78	77	75	89	93	92
Alabama	166	156	151	44	40	39	45	43	41
Mississippi	245	233	224	64	64	62	76	72	70
Arkansas	114	109	106	24	23	22	30	28	29
Louisiana	206	198	196	47	44	41	57	54	49
Oklahoma	171	166	161	44	42	43	62	56	54
Texas	398	374	381	84	82	85	106	105	110
Montana	51	49	47	10	10	10	16	15	14
Idaho	169	171	169	54	54	53	66	65	64
Wyoming	21	20	20	4	4	4	4	4	4
Colorado	109	110	112	29	30	32	41	42	53
New Mexico	40	39	39	10	9	8	11	10	8
Arizona	55	55	54	11	11	11	13	13	13
Utah	81	82	82	23	24	25	26	26	28
Nevada	15	15	15	5	5	5	6	6	6
Washington	210	201	200	52	50	48	60	57	50
Oregon	124	120	118	36	35	34	51	49	48
California	857	848	840	231	226	223	249	252	236
48 States	14,626	14,135	13,858	3,575	3,521	3,457	4,024	3,934	3,854
Alaska	2.0	1.9	1.9	.4	.4	.5	.4	.5	.6
Hawaii	16	15	15	3	4	4	4	4	4
United States ..	14,644	14,152	13,875	3,579	3,525	3,461	4,028	3,939	3,859

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

Table 5.-Dairy cattle on farms January 1, United States 1960-70 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	Number	Per 100 cows	Number	Per 100 cows
	- Thousands -		Number	Thousands	Number	Thousands	Thousands	Number
1960	19,527	5,079	26.0	5,575	28.6	5,335	27.3	
1961	19,271	5,016	26.0	5,446	28.3	5,324	27.6	
1962	18,963	4,887	25.8	5,264	27.8	5,471	28.9	
1963	18,379	4,708	25.6	4,935	26.9	5,440	29.6	
1964	17,647	4,395	24.9	4,692	26.6	5,061	28.7	
1965	16,981	4,149	24.4	4,420	26.0	5,143	30.3	
1966	15,987	3,860	24.1	4,151	26.0	4,649	29.1	
1967	15,198	3,636	23.9	4,089	26.9	4,190	27.6	
1968	14,644	3,579	24.4	4,028	27.5	4,100	28.0	
1969	14,152	3,525	24.9	3,939	27.8	3,802	26.9	
1970	13,875	3,461	25.0	3,859	27.8			

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 1959-69 1/

Year	Milk cows on farms 2/	Production per cow 3/		Milk production 3/	
		Milk	Milkfat	Total	Per capita
	Thousands	- Pounds -		Mill. lb.	Pounds
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	13,038	8,992	330	117,234	583
1969	12,689	9,158	336	116,200	572

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

Month	Milk cows on farms 1/			Milk per cow 2/			Milk production 2/			
	1967	1968	1969	1967	1968	1969	1967	1968	1969	Change from 1968
	- Thousands -			- Pounds -			- Million pounds -			
January	13,750	13,235	12,818	713	717	734	9,802	9,495	9,411	-0.9
February	13,708	13,200	12,795	667	696	687	9,150	9,187	8,792	3/-4.3
March	13,662	13,164	12,765	762	775	780	10,407	10,197	9,960	-2.3
April	13,613	13,132	12,743	784	796	806	10,675	10,457	10,265	-1.8
May	13,567	13,097	12,721	837	858	867	11,360	11,235	11,034	-1.8
June	13,518	13,056	12,701	817	826	847	11,038	10,786	10,759	-0.3
July	13,471	13,024	12,678	767	783	800	10,326	10,202	10,142	-0.6
August	13,426	12,990	12,653	722	740	764	9,688	9,612	9,673	+0.6
September	13,383	12,952	12,626	681	701	726	9,114	9,083	9,165	+0.9
October	13,341	12,917	12,601	687	706	725	9,169	9,124	9,138	+0.2
November	13,305	12,880	12,579	660	677	691	8,781	8,717	8,691	-0.3
December	13,273	12,847	12,559	698	711	730	9,259	9,139	9,170	+0.3
Annual	13,501	13,038	12,689	8,797	8,992	9,158	118,769	117,234	116,200	3/-0.9

1/ Excludes heifers not yet fresh. 2/ Excludes milk sucked by calves. 3/ Extra day in 1968 added 3.6 per cent to February production. On a daily average basis, change from 1968 was -0.9 percent for February and -0.6 percent for the year.

Table 8.--Annual milk cows and milk production

State	Milk cows on farms 1/			Milk per cow 2/			Milk production 2/			:Change : from : 1968
	1967	1968	1969	1967	1968	1969	1967	1968	1969	
	- Thousands -			- Pounds -			- Million pounds -			Percent
Maine	71	69	69	8,550	8,670	8,986	607	598	620	+ 4
New Hampshire ..	40	39	38	9,200	9,240	9,579	368	360	364	+ 1
Vermont	212	209	206	8,630	8,942	9,286	1,830	1,869	1,913	+ 2
Massachusetts ..	73	69	66	10,100	10,150	10,333	737	700	682	- 3
Rhode Island ..	8.8	8.1	7.9	9,900	9,880	10,127	87	80	80	0
Connecticut ...	69	67	66	10,050	10,110	10,303	693	677	680	0
New York	1,069	1,039	1,024	9,780	9,835	10,067	10,455	10,219	10,309	+ 1
New Jersey	86	79	75	10,220	10,250	10,493	879	810	787	- 3
Pennsylvania ...	743	727	718	9,570	9,450	9,702	7,111	6,870	6,966	+ 1
Ohio	495	475	463	9,500	9,450	9,600	4,702	4,489	4,445	- 1
Indiana	272	250	241	9,300	9,590	9,900	2,530	2,398	2,386	- 1
Illinois	352	330	322	9,310	9,420	9,652	3,277	3,109	3,108	0
Michigan	499	480	472	9,430	9,580	9,822	4,706	4,598	4,636	+ 1
Wisconsin	1,930	1,887	1,846	9,440	9,650	9,761	18,219	18,210	18,018	- 1
Minnesota	1,094	1,057	1,008	9,360	9,670	9,650	10,240	10,221	9,727	- 5
Iowa	608	569	528	8,880	8,958	9,062	5,399	5,097	4,785	- 6
Missouri	397	380	368	7,930	8,050	8,128	3,148	3,059	2,991	- 2
North Dakota ...	172	157	148	7,190	7,605	7,419	1,237	1,194	1,098	- 8
South Dakota ...	210	202	192	7,620	8,220	8,161	1,600	1,660	1,567	- 6
Nebraska	224	213	202	7,620	8,000	8,069	1,707	1,704	1,630	- 4
Kansas	221	212	206	7,800	8,100	8,189	1,724	1,717	1,687	- 2
Delaware	16	15	15	8,750	8,930	9,067	140	134	136	+ 1
Maryland	174	170	169	8,710	9,000	9,249	1,516	1,530	1,563	+ 2
Virginia	241	231	225	7,370	7,920	8,124	1,776	1,830	1,828	0
West Virginia ..	73	67	63	6,110	6,340	6,571	446	425	414	- 3
North Carolina ..	200	194	190	7,440	7,603	7,795	1,488	1,475	1,481	0
South Carolina ..	75	72	70	6,950	7,015	7,229	521	505	506	0
Georgia	144	140	140	7,150	7,607	7,979	1,030	1,065	1,117	+ 5
Florida	182	186	190	8,660	8,355	8,205	1,576	1,554	1,559	0
Kentucky	380	367	354	6,710	6,770	6,963	2,550	2,485	2,465	- 1
Tennessee	348	329	313	6,160	6,430	6,722	2,144	2,115	2,104	- 1
Alabama	150	143	138	5,410	5,650	5,884	812	808	812	0
Mississippi	222	209	201	5,020	5,130	5,279	1,114	1,072	1,061	- 1
Arkansas	108	102	99	6,420	6,750	6,990	693	688	692	+ 1
Louisiana	188	180	175	5,490	5,720	6,160	1,032	1,030	1,078	+ 5
Oklahoma	159	155	151	8,270	8,280	8,411	1,315	1,283	1,270	- 1
Texas	384	365	351	7,890	8,170	8,510	3,030	2,982	2,987	0
Montana	50	47	44	7,400	7,660	7,955	370	360	350	- 3
Idaho	157	156	155	9,280	9,370	9,219	1,457	1,462	1,429	- 2
Wyoming	20.3	19.5	18.9	7,930	8,110	8,201	161	158	155	- 2
Colorado	98	99	101	8,460	8,530	8,614	829	844	870	+ 3
New Mexico	38	38	36	8,080	8,290	8,556	307	315	308	- 2
Arizona	51	51	51	10,570	10,840	11,235	539	553	573	+ 4
Utah	76	75	76	9,800	10,120	10,303	745	759	783	+ 3
Nevada	13.5	13.7	13.8	9,930	10,020	10,072	134	137	139	+ 1
Washington	195	186	183	10,040	10,500	10,809	1,958	1,953	1,978	+ 1
Oregon	116	113	110	8,280	8,590	8,836	960	971	972	0
California	780	781	776	11,160	11,460	11,521	8,705	8,950	8,940	0
Alaska	1.9	1.8	1.8	9,580	9,830	9,889	18.2	17.7	17.8	+ 1
Hawaii	14.4	13.5	12.8	10,200	9,930	10,391	147	134	133	- 1
United States:	13,501	13,038	12,689	8,797	8,992	9,158	118,769	117,234	116,200	- 0.9

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

State and month	Milk cows on farms 1/			Milk per cow 2/			Milk production 2/		
	1967	1968	1969	1967	1968	1969	1967	1968	1969
	-- Thousands --			-- Pounds --			-- Million pounds --		
MAINE:									
January.....	73	70	69	660	655	675	48	46	47
February.....	72	70	69	600	635	655	43	44	45
March.....	72	70	69	690	690	720	50	48	50
April.....	72	70	69	725	735	765	52	51	53
May.....	71	70	69	765	785	805	54	55	56
June.....	71	69	69	800	815	830	57	56	57
July.....	70	69	69	800	795	825	56	55	57
August.....	70	69	69	775	770	810	54	53	56
September.....	70	69	69	735	730	760	51	50	52
October.....	70	69	69	705	700	730	49	48	50
November.....	70	69	69	660	655	695	46	45	48
December.....	70	69	69	675	680	715	47	47	49
Annual.....	71	69	69	8,550	8,670	8,986	607	598	620
NEW HAMPSHIRE:									
January.....	41	39	38	750	775	800	31	30	30
February.....	41	39	38	695	730	730	28	28	28
March.....	41	39	38	785	800	820	32	31	31
April.....	41	39	38	800	800	820	33	31	31
May.....	41	39	38	825	835	860	34	33	33
June.....	41	39	38	805	815	830	33	32	32
July.....	40	39	38	780	780	805	31	30	31
August.....	39	39	38	745	760	785	29	30	30
September.....	39	38	38	765	770	800	30	29	30
October.....	39	38	38	735	755	785	29	29	30
November.....	39	38	38	725	730	745	28	28	28
December.....	39	38	38	760	765	785	30	29	30
Annual.....	40	39	38	9,200	9,240	9,579	368	360	364
VERMONT:									
January.....	215	210	206	680	700	705	146	147	145
February.....	214	210	206	615	655	650	132	138	134
March.....	214	210	206	735	765	780	157	161	161
April.....	213	210	206	765	795	805	163	167	166
May.....	213	210	206	820	855	875	175	180	180
June.....	212	209	206	845	850	890	179	178	183
July.....	212	209	206	750	765	825	159	160	170
August.....	212	209	206	700	735	795	148	154	164
September.....	211	208	206	690	715	765	146	149	158
October.....	211	208	205	690	720	755	146	150	155
November.....	211	207	205	645	670	705	136	139	145
December.....	210	207	205	680	705	740	143	146	152
Annual.....	212	209	206	8,630	8,942	9,286	1,830	1,869	1,913
MASSACHUSETTS:									
January.....	74	71	67	870	835	870	64	59	58
February.....	74	70	66	790	805	810	58	56	53
March.....	74	70	66	880	860	900	65	60	59
April.....	74	70	66	870	860	895	64	60	59
May.....	74	70	66	920	915	935	68	64	62
June.....	74	69	66	890	890	900	66	61	59
July.....	74	69	65	825	845	865	61	58	56
August.....	73	69	65	810	840	865	59	58	56
September.....	73	68	65	795	830	850	58	56	55
October.....	73	68	65	810	845	865	59	57	56
November.....	72	68	65	780	795	820	56	54	53
December.....	72	68	65	820	840	865	59	57	56
Annual.....	73	69	66	10,100	10,150	10,333	737	700	682

See footnotes at end of table.

Table 9--Milk cows and milk production, by months--Continued

State and month	Milk cows on farms 1/			Milk per cow 2/			Milk production 2/		
	1967	1968	1969	1967	1968	1969	1967	1968	1969
	-- Thousands --			-- Pounds --			-- Million pounds --		
RHODE ISLAND:									
January.....	9.0	8.5	7.9	810	800	830	7.3	6.8	6.6
February.....	9.0	8.4	7.9	745	760	765	6.7	6.4	6.0
March.....	8.9	8.3	7.9	880	860	895	7.8	7.1	7.1
April.....	8.8	8.2	7.9	865	845	875	7.6	6.9	6.9
May.....	8.8	8.2	7.9	925	915	935	8.1	7.5	7.4
June.....	8.8	8.1	7.9	890	875	880	7.8	7.1	7.0
July.....	8.8	8.1	7.9	830	830	835	7.3	6.7	6.6
August.....	8.8	8.1	7.9	820	815	840	7.2	6.6	6.6
September.....	8.7	8.0	7.9	785	785	810	6.8	6.3	6.4
October.....	8.7	7.9	7.9	805	790	830	7.0	6.2	6.6
November.....	8.7	7.9	7.9	750	760	780	6.5	6.0	6.2
December.....	8.6	7.8	7.9	800	820	840	6.9	6.4	6.6
Annual.....	8.8	8.1	7.9	9,900	9,880	10,127	87	80	80
CONNECTICUT:									
January.....	70	68	67	850	835	870	60	57	58
February.....	70	68	67	780	795	790	55	54	53
March.....	70	68	66	880	865	900	62	59	59
April.....	70	68	66	850	840	885	60	57	58
May.....	69	67	66	915	905	930	63	61	61
June.....	69	67	66	855	840	855	59	56	56
July.....	69	67	66	810	825	840	56	55	55
August.....	69	67	66	815	825	850	56	55	56
September.....	68	67	66	815	825	850	55	55	56
October.....	68	67	66	830	855	865	56	57	57
November.....	68	67	66	795	810	825	54	54	54
December.....	68	67	66	835	855	870	57	57	57
Annual.....	69	67	66	10,050	10,110	10,303	693	677	680
NEW YORK:									
January.....	1,081	1,055	1,025	820	810	830	886	855	851
February.....	1,078	1,052	1,026	755	770	765	814	810	785
March.....	1,076	1,049	1,027	875	860	880	942	902	904
April.....	1,074	1,047	1,028	890	880	895	956	921	920
May.....	1,072	1,044	1,029	940	955	970	1,008	997	998
June.....	1,070	1,040	1,030	930	915	935	995	952	963
July.....	1,068	1,037	1,030	805	800	830	860	830	855
August.....	1,066	1,034	1,026	745	755	795	794	781	816
September.....	1,063	1,031	1,022	740	755	785	787	778	802
October.....	1,060	1,028	1,018	765	790	800	811	812	814
November.....	1,058	1,024	1,018	730	745	755	772	763	769
December.....	1,057	1,022	1,015	785	800	820	830	818	832
Annual.....	1,069	1,039	1,024	9,780	9,835	10,067	10,455	10,219	10,309
NEW JERSEY:									
January.....	89	82	75	865	850	890	77	70	67
February.....	89	82	75	815	815	820	73	67	62
March.....	88	81	75	915	900	930	81	73	70
April.....	87	80	75	905	925	930	79	74	70
May.....	87	79	75	965	980	980	84	77	74
June.....	86	78	75	890	895	905	77	70	68
July.....	86	78	75	820	835	850	71	65	64
August.....	85	78	75	810	825	850	69	64	64
September.....	84	77	74	775	795	835	65	61	62
October.....	84	77	74	810	815	835	68	63	62
November.....	83	77	74	785	790	805	65	61	60
December.....	83	76	74	840	850	860	70	65	64
Annual.....	86	79	75	10,220	10,250	10,493	879	810	787

See footnotes at end of table.

Table 9.--Milk cows and milk production, by months--Continued

State and month	Milk cows on farms 1/			Milk per cow 2/			Milk production 2/		
	1967	1968	1969	1967	1968	1969	1967	1968	1969
PENNSYLVANIA:	Thousands			Pounds			Million pounds		
January	754	733	722	788	745	770	594	546	556
February	752	732	721	735	720	720	553	527	519
March	750	731	720	850	810	830	638	592	598
April	748	730	719	860	830	845	643	606	608
May	746	729	718	930	900	915	694	656	657
June	744	728	718	865	840	850	644	612	610
July	742	727	717	790	800	820	586	582	588
August	740	725	716	770	765	800	570	555	573
September	738	724	716	760	765	800	561	554	573
October	736	723	716	750	770	800	552	557	573
November	735	722	715	715	730	760	526	527	543
December	734	722	715	750	770	795	550	556	568
Annual	743	727	718	9,570	9,450	9,702	7,111	6,870	6,966
OHIO:									
January	513	482	468	770	755	760	395	364	356
February	509	480	467	710	720	700	361	346	327
March	505	478	466	815	795	798	412	380	372
April	501	477	465	830	820	815	416	391	379
May	497	476	464	905	910	920	450	433	427
June	494	475	464	865	848	865	427	403	401
July	492	474	463	825	820	835	406	389	387
August	490	473	462	795	785	820	390	371	379
September	488	472	461	750	775	785	366	366	362
October	486	471	460	760	770	795	369	363	366
November	484	470	458	720	715	735	348	336	337
December	483	469	457	750	740	770	362	347	352
Annual	495	475	463	9,500	9,450	9,600	4,702	4,489	4,445
INDIANA:									
January	284	258	243	740	760	810	210	196	197
February	282	256	242	715	745	765	202	191	185
March	280	254	241	815	815	860	228	207	207
April	278	252	240	830	820	860	231	207	206
May	275	251	239	910	900	930	250	226	222
June	272	250	239	840	850	885	228	212	212
July	270	249	240	810	835	845	219	208	203
August	268	248	240	760	790	830	204	196	199
September	266	247	241	720	785	820	192	194	198
October	264	246	242	720	780	785	190	192	190
November	262	245	243	710	740	735	186	181	179
December	260	244	243	730	770	775	190	188	188
Annual	272	250	241	9,300	9,590	9,900	2,530	2,398	2,386
ILLINOIS:									
January	367	336	324	760	755	755	279	254	245
February	365	335	323	710	725	720	259	243	233
March	361	334	323	815	805	825	294	269	266
April	359	333	322	825	820	840	296	273	270
May	357	332	322	880	895	905	314	297	291
June	355	330	322	840	870	890	298	287	287
July	351	329	321	820	840	880	288	276	282
August	348	328	321	800	795	840	278	261	270
September	346	327	321	725	745	780	251	244	250
October	343	326	320	710	740	770	244	241	246
November	340	325	320	685	695	720	233	226	230
December	338	324	320	720	735	745	243	238	238
Annual	352	330	322	9,310	9,420	9,652	3,277	3,109	3,108

See footnotes at end of table.

Table 9.--Milk cows and milk production, by months--Continued

State and month	Milk cows on farms 1/			Milk per cow 2/			Milk production 2/		
	1967	1968	1969	1967	1968	1969	1967	1968	1969
MICHIGAN:	Thousands			Pounds			Million pounds		
January	511	483	474	785	770	795	401	372	377
February	509	482	474	710	730	720	361	352	341
March	507	482	473	800	795	820	406	383	388
April	505	482	473	800	795	820	404	383	388
May	504	482	473	845	855	880	426	412	416
June	502	482	473	840	845	880	422	407	416
July	499	481	473	805	815	845	402	392	400
August	496	480	472	800	820	850	397	394	401
September	493	479	472	780	800	820	385	383	387
October	490	478	471	775	810	820	380	387	386
November	487	477	471	725	755	760	353	360	358
December	485	475	470	760	785	805	369	373	378
Annual	499	480	472	9,430	9,580	9,822	4,706	4,598	4,636
WISCONSIN:									
January	1,946	1,909	1,862	780	785	785	1,518	1,499	1,462
February	1,943	1,905	1,859	735	765	735	1,428	1,457	1,366
March	1,940	1,901	1,856	820	860	840	1,591	1,635	1,559
April	1,937	1,897	1,853	855	880	875	1,656	1,669	1,621
May	1,934	1,893	1,850	920	960	955	1,779	1,817	1,767
June	1,931	1,889	1,847	925	936	986	1,786	1,768	1,821
July	1,928	1,885	1,844	835	845	885	1,610	1,593	1,632
August	1,925	1,881	1,841	755	775	810	1,453	1,458	1,491
September	1,922	1,877	1,838	690	705	735	1,326	1,323	1,351
October	1,919	1,873	1,835	705	710	725	1,353	1,330	1,330
November	1,916	1,869	1,832	680	690	680	1,303	1,290	1,246
December	1,913	1,865	1,829	740	735	750	1,416	1,371	1,372
Annual	1,930	1,887	1,846	9,440	9,650	9,761	18,219	18,210	18,018
MINNESOTA:									
January	1,114	1,072	1,035	840	865	865	936	927	895
February	1,110	1,069	1,030	810	875	825	899	935	850
March	1,107	1,067	1,025	910	965	925	1,007	1,030	948
April	1,103	1,064	1,021	910	950	915	1,004	1,011	934
May	1,100	1,062	1,016	935	985	955	1,029	1,046	970
June	1,095	1,060	1,012	905	920	935	991	975	946
July	1,091	1,056	1,006	780	800	795	851	845	800
August	1,087	1,052	1,001	640	665	675	696	700	676
September	1,084	1,049	996	565	575	600	612	603	598
October	1,081	1,046	991	620	620	645	670	649	639
November	1,078	1,043	986	665	670	700	717	699	690
December	1,075	1,040	982	770	770	795	828	801	781
Annual	1,094	1,057	1,008	9,360	9,670	9,650	10,240	10,221	9,727
IOWA:									
January	628	587	547	715	710	725	449	417	397
February	624	584	543	685	700	695	427	409	377
March	620	580	539	760	773	770	471	448	415
April	616	577	536	780	785	795	480	453	426
May	613	574	532	860	860	870	527	494	463
June	610	570	529	850	855	880	518	487	466
July	606	567	526	795	811	825	482	460	434
August	603	564	523	730	735	760	440	415	397
September	600	561	520	670	680	695	402	381	361
October	596	557	517	680	685	685	405	382	354
November	593	554	513	650	655	650	385	363	333
December	590	550	510	700	705	710	413	388	362
Annual	608	569	528	8,880	8,958	9,062	5,399	5,097	4,785

See footnotes at end of table.

Table 9.--Milk cows and milk production, by months--Continued

State and month	Milk cows on farms 1/			Milk per cow 2/			Milk production 2/		
	1967	1968	1969	1967	1968	1969	1967	1968	1969
MISSOURI:	- Thousands -			- Pounds -			- Million Pounds -		
January	407	387	373	530	545	560	216	211	209
February	405	385	372	523	530	555	212	204	206
March	403	384	371	595	600	620	240	230	230
April	401	383	370	680	700	705	273	268	261
May	399	381	369	790	805	810	315	307	299
June	397	380	368	810	810	820	322	308	302
July	395	379	367	790	795	795	312	301	292
August	393	378	366	740	755	745	291	285	273
September	392	377	365	670	700	700	263	264	256
October	391	377	364	645	640	640	252	241	233
November	390	375	363	590	595	600	230	223	218
December	389	374	362	570	580	585	222	217	212
Annual	397	380	368	7,930	8,050	8,128	3,148	3,059	2,991
NORTH DAKOTA:									
January	182	163	151	550	580	560	100	95	85
February	180	162	150	545	590	565	98	96	85
March	178	161	149	630	670	665	112	108	99
April	176	160	149	665	705	690	117	113	103
May	174	159	148	720	780	770	125	124	114
June	173	158	148	765	815	800	132	129	118
July	172	157	147	710	750	735	122	118	108
August	170	156	147	610	645	645	104	101	95
September	168	155	146	510	530	530	86	82	77
October	166	154	146	475	495	480	79	76	70
November	165	153	145	455	470	455	75	72	66
December	164	152	145	530	525	535	87	80	78
Annual	172	157	148	7,190	7,605	7,419	1,237	1,194	1,098
SOUTH DAKOTA:									
January	213	207	197	600	640	655	128	132	129
February	212	206	196	580	655	630	123	135	123
March	212	206	195	675	740	725	143	152	141
April	211	205	194	705	740	730	149	152	142
May	211	204	193	755	800	790	159	163	152
June	210	203	192	755	815	800	159	165	154
July	210	202	191	695	775	780	146	157	149
August	209	201	190	630	675	710	132	136	135
September	209	200	189	570	605	630	119	121	119
October	208	199	188	545	580	585	113	115	110
November	208	198	187	520	555	535	108	110	100
December	207	198	186	585	615	605	121	122	113
Annual	210	202	192	7,620	8,220	8,161	1,600	1,660	1,567
NEBRASKA:									
January	228	218	206	590	600	625	135	131	129
February	228	217	206	560	605	600	128	131	124
March	228	217	205	655	680	670	149	148	137
April	227	216	204	680	695	715	154	150	146
May	226	216	203	730	760	780	165	164	158
June	225	214	202	725	750	760	163	160	154
July	225	213	202	705	735	740	159	157	149
August	224	212	201	665	700	700	149	148	141
September	222	211	200	590	635	635	131	134	127
October	220	210	199	580	625	620	128	131	123
November	218	208	198	555	590	605	121	123	120
December	218	207	197	575	615	620	125	127	122
Annual	224	213	202	7,620	8,000	8,069	1,707	1,704	1,630

See footnotes at end of table.

Table 9.--Milk cows and milk production, by months--Continued

State and month	Milk cows on farms 1/			Milk per cow 2/			Milk production 2/		
	1967	1968	1969	1967	1968	1969	1967	1968	1969
KANSAS:	Thousands			Pounds			Million pounds		
January.....	226	215	208	650	635	665	147	137	138
February.....	225	215	208	600	635	620	135	137	129
March.....	224	214	207	680	695	715	152	149	148
April.....	223	214	207	705	710	730	157	152	151
May.....	222	213	206	740	760	780	164	162	161
June.....	221	213	206	695	715	725	154	152	149
July.....	220	212	206	650	690	690	143	146	142
August.....	219	211	206	625	670	665	137	141	137
September.....	218	211	205	610	640	650	133	135	133
October.....	217	210	205	615	640	650	133	134	133
November.....	216	210	204	615	635	640	133	133	131
December.....	216	210	204	630	660	660	136	139	135
Annual.....	221	212	206	7,800	8,100	8,189	1,724	1,717	1,687
DELAWARE:									
January.....	17	16	15	670	670	725	11.4	10.7	10.9
February.....	17	16	15	650	650	680	11.0	10.4	10.2
March.....	17	16	15	700	690	745	11.9	11.0	11.2
April.....	17	16	15	750	760	780	12.8	12.2	11.7
May.....	17	16	15	790	810	830	13.4	13.0	12.4
June.....	16	15	15	735	740	760	11.8	11.1	11.4
July.....	16	15	15	720	730	760	11.5	11.0	11.4
August.....	16	15	15	720	750	780	11.5	11.2	11.7
September.....	16	15	15	700	720	750	11.2	10.8	11.2
October.....	16	15	15	710	730	760	11.4	11.0	11.4
November.....	16	15	15	680	720	740	10.9	10.8	11.1
December.....	16	15	15	700	720	760	11.2	10.8	11.4
Annual.....	16	15	15	8,750	8,930	9,067	140	134	136
MARYLAND:									
January.....	177	172	169	710	710	755	126	122	128
February.....	177	172	169	660	675	700	117	116	118
March.....	176	171	169	740	730	765	130	125	129
April.....	176	171	169	740	750	765	130	128	129
May.....	175	171	169	795	805	820	139	138	139
June.....	175	170	169	735	740	750	129	126	127
July.....	174	170	169	725	770	770	126	131	130
August.....	174	170	169	740	770	800	129	131	135
September.....	173	170	168	710	760	790	123	129	133
October.....	173	169	168	725	775	795	125	131	134
November.....	172	169	168	690	730	755	119	123	127
December.....	172	169	167	715	770	800	123	130	134
Annual.....	174	170	169	8,710	9,000	9,249	1,516	1,530	1,563
VIRGINIA:									
January.....	244	235	227	555	595	615	135	140	140
February.....	244	234	227	495	560	565	121	131	128
March.....	243	233	226	555	620	640	135	144	145
April.....	243	232	226	600	665	680	146	154	154
May.....	242	232	225	695	745	760	168	173	171
June.....	241	232	225	665	715	725	160	166	163
July.....	240	231	224	665	725	730	160	167	164
August.....	240	230	224	695	725	740	167	167	166
September.....	239	229	224	660	690	720	158	158	161
October.....	238	228	223	645	675	700	154	154	156
November.....	237	228	223	585	615	635	139	140	142
December.....	236	228	223	565	595	620	133	136	138
Annual.....	241	231	225	7,370	7,920	8,124	1,776	1,830	1,828

See footnotes at end of table.

Table 9.--Milk cows and milk production, by months--Continued

State and month	Milk cows on farms 1/			Milk per cow 2/			Milk production 2/		
	1967	1968	1969	1967	1968	1969	1967	1968	1969
	-- Thousands --			-- Pounds --			-- Million pounds --		
WEST VIRGINIA:									
January	75	69	64	470	495	495	35	34	32
February	75	69	64	430	460	465	32	32	30
March	74	68	63	515	530	550	38	36	35
April	74	68	63	530	545	560	39	37	35
May	73	67	63	565	570	580	41	38	37
June	73	67	63	550	565	570	40	38	36
July	73	67	63	550	550	570	40	37	36
August	72	67	63	540	545	585	39	37	37
September	72	67	63	520	525	550	37	35	35
October	71	66	62	520	535	560	37	35	35
November	71	66	62	485	500	530	34	33	33
December	70	65	62	485	505	530	34	33	33
Annual	73	67	63	6,110	6,340	6,571	446	425	414
NORTH CAROLINA:									
January	203	197	191	600	610	625	122	120	119
February	202	196	191	560	590	590	113	116	113
March	202	196	191	620	635	650	125	124	124
April	201	195	191	635	655	670	128	128	128
May	201	195	191	640	665	680	129	130	130
June	200	194	190	625	630	645	125	122	123
July	199	194	190	630	640	645	125	124	123
August	199	193	190	630	635	660	125	123	125
September	198	193	190	630	635	650	125	123	124
October	198	192	189	640	640	660	127	123	125
November	197	192	189	620	625	650	122	120	123
December	197	191	189	620	640	655	122	122	124
Annual	200	194	190	7,440	7,603	7,795	1,488	1,475	1,481
SOUTH CAROLINA:									
January	76	73	71	575	575	590	44	42	42
February	76	73	71	535	550	570	41	40	40
March	76	73	71	605	605	640	46	44	45
April	75	72	70	610	625	655	46	45	46
May	75	72	70	615	610	630	46	44	44
June	75	72	70	570	560	570	43	40	40
July	74	72	69	585	575	590	43	41	41
August	74	72	69	585	575	615	43	41	42
September	74	72	69	570	580	600	42	42	41
October	74	71	68	570	590	630	42	42	43
November	74	71	68	555	575	590	41	41	40
December	74	71	68	595	605	620	44	43	42
Annual	75	72	70	6,950	7,015	7,229	521	505	506
GEORGIA:									
January	146	140	140	590	630	670	86	88	94
February	146	140	140	540	605	635	79	85	89
March	145	140	140	630	665	670	91	93	94
April	145	140	140	620	670	695	90	94	97
May	144	140	140	620	665	685	89	93	96
June	144	140	140	575	615	630	83	86	88
July	143	140	140	590	620	630	84	87	88
August	143	140	140	590	620	650	84	87	91
September	142	140	140	600	620	655	85	87	92
October	142	140	140	615	630	685	87	88	96
November	141	140	140	605	620	680	85	87	95
December	141	140	140	620	640	695	87	90	97
Annual	144	140	140	7,150	7,607	7,979	1,030	1,065	1,117

See footnotes at end of table.

Table 9.--Milk cows and milk production, by months--Continued

State and month	Milk cows on farms 1/			Milk per cow 2/			Milk production 2/		
	1967	1968	1969	1967	1968	1969	1967	1968	1969
	-- Thousands --			-- Pounds --			-- Million pounds --		
FLORIDA:									
January	184	184	189	740	755	720	136	139	136
February	184	185	190	695	715	675	128	132	128
March	184	187	191	800	765	745	147	143	142
April	183	186	190	760	750	730	139	140	139
May	183	186	190	775	760	745	142	141	142
June	182	186	190	720	685	660	131	127	125
July	181	185	189	690	665	645	125	123	122
August	181	185	189	675	660	650	122	122	123
September	181	185	189	665	640	635	120	118	120
October	182	187	191	705	660	660	128	123	126
November	182	187	191	685	635	645	125	119	123
December	183	188	192	725	675	695	133	127	133
Annual	182	186	190	8,660	8,355	8,205	1,576	1,554	1,559
KENTUCKY:									
January	385	374	359	465	450	480	179	168	172
February	384	373	358	450	450	460	173	168	165
March	383	372	357	530	510	540	203	190	193
April	382	371	356	600	590	610	229	219	217
May	381	369	355	665	685	690	253	253	245
June	380	368	354	650	665	660	247	245	234
July	380	366	353	655	660	660	249	242	233
August	379	365	352	645	650	670	244	237	236
September	378	364	351	590	610	625	223	222	219
October	377	363	350	540	555	580	204	201	203
November	376	361	349	465	480	505	175	173	176
December	375	360	348	455	465	495	171	167	172
Annual	380	367	354	6,710	6,770	6,963	2,550	2,485	2,465
TENNESSEE:									
January	356	338	318	430	455	465	153	154	148
February	355	336	317	390	440	450	138	148	143
March	353	334	316	455	485	510	161	162	161
April	352	332	315	560	565	605	197	188	191
May	350	331	314	615	625	655	215	207	206
June	349	330	313	590	610	630	206	201	197
July	347	329	312	590	600	620	205	197	193
August	346	328	311	580	590	610	201	194	190
September	344	326	310	535	560	590	184	183	183
October	343	324	309	515	540	570	177	175	176
November	342	322	308	450	485	515	154	156	159
December	340	320	308	450	470	510	153	150	157
Annual	348	329	313	6,160	6,430	6,722	2,144	2,115	2,104
ALABAMA:									
January	155	146	140	440	460	480	68	67	67
February	154	145	140	410	440	455	63	64	64
March	153	145	139	470	485	505	72	70	70
April	152	144	139	480	495	515	73	71	72
May	151	144	139	465	485	510	70	70	71
June	150	143	138	435	460	480	65	66	66
July	149	143	138	440	460	470	66	66	65
August	148	142	138	435	460	470	64	65	65
September	148	142	137	445	470	480	66	67	66
October	147	141	137	455	475	505	67	67	69
November	147	141	137	455	470	495	67	66	68
December	146	140	136	485	495	505	71	69	69
Annual	150	143	138	5,410	5,650	5,884	812	808	812

See footnotes at end of table.

Table 9.--Milk cows and milk production, by months--Continued

State and month	Milk cows on farms 1/			Milk per cow 2/			Milk production 2/		
	1967	1968	1969	1967	1968	1969	1967	1968	1969
MISSISSIPPI:	Thousands			Pounds			Million pounds		
January	230	213	204	380	395	405	87	84	83
February	228	212	204	345	370	380	79	78	78
March	227	211	203	410	415	445	93	88	90
April	225	211	203	455	450	475	102	95	96
May	224	210	202	455	460	480	102	97	97
June	222	210	201	445	450	460	99	94	92
July	221	209	200	445	460	460	98	96	92
August	219	208	200	445	445	470	97	93	94
September	218	207	199	425	435	440	93	90	88
October	217	206	199	410	430	430	89	89	86
November	216	205	198	400	405	410	86	83	81
December	215	205	198	415	415	425	89	85	84
Annual	222	209	201	5,020	5,130	5,279	1,114	1,072	1,061
ARKANSAS:									
January	113	105	100	430	470	500	49	49	50
February	112	105	100	405	450	470	45	47	47
March	111	104	100	485	510	550	54	53	55
April	110	104	100	555	570	610	61	59	61
May	109	103	100	625	645	680	68	66	68
June	108	102	99	610	630	665	66	64	66
July	108	102	99	610	630	660	66	64	65
August	107	102	98	600	630	640	64	64	63
September	107	101	98	550	585	590	59	59	58
October	106	101	98	540	575	580	57	58	57
November	106	100	98	500	530	535	53	53	52
December	105	100	97	485	515	520	51	52	50
Annual	108	102	99	6,420	6,750	6,990	693	688	692
LOUISIANA:									
January	191	184	176	465	480	515	89	88	91
February	191	183	176	425	450	490	81	82	86
March	190	182	176	490	500	545	93	91	96
April	190	182	175	500	510	560	95	93	98
May	189	181	175	475	490	545	90	89	95
June	189	180	175	430	450	480	81	81	84
July	188	180	175	440	460	480	83	83	84
August	187	179	175	445	455	495	83	81	87
September	187	178	175	440	470	495	82	84	87
October	186	178	174	445	480	505	83	85	88
November	186	177	174	440	470	505	82	83	88
December	185	176	174	485	510	540	90	90	94
Annual	188	180	175	5,490	5,720	6,160	1,032	1,030	1,078
OKLAHOMA:									
January	162	156	153	640	660	665	104	103	102
February	161	156	153	600	630	610	97	98	93
March	161	156	152	685	690	685	110	108	104
April	160	156	152	730	730	740	117	114	112
May	160	155	152	770	770	770	123	119	117
June	159	155	151	725	725	735	115	112	111
July	159	155	151	715	715	725	114	111	109
August	158	155	151	695	685	705	110	106	106
September	158	154	150	670	660	680	106	102	102
October	157	154	150	685	685	700	108	105	105
November	157	154	150	665	665	695	104	102	104
December	157	154	150	680	670	700	107	103	105
Annual	159	155	151	8,270	8,280	8,411	1,315	1,283	1,270

See footnotes at end of table.

Table 9.--Milk cows and milk production, by months--Continued

State and month	Milk cows on farms 1/			Milk per cow 2/			Milk production 2/		
	1967	1968	1969	1967	1968	1969	1967	1968	1969
TEXAS:	Thousands			Pounds			Million pounds		
January	389	377	348	625	655	700	243	247	244
February	388	377	348	585	630	650	227	238	226
March	387	375	349	670	690	730	259	259	255
April	386	373	349	695	720	755	268	269	263
May	385	371	350	710	735	770	273	273	270
June	384	368	350	660	685	715	253	252	250
July	383	365	351	670	695	710	257	254	249
August	382	362	351	660	670	705	252	243	247
September	381	359	352	645	655	700	246	235	246
October	380	355	353	660	680	710	251	241	251
November	379	351	353	645	660	680	244	232	240
December	378	347	354	680	690	695	257	239	246
Annual	384	365	351	7,890	8,170	8,510	3,030	2,982	2,987
MONTANA:									
January	52	48	45	540	570	585	28	27	26
February	52	48	45	505	550	565	26	26	25
March	52	48	45	560	590	610	29	28	27
April	52	48	45	615	640	670	32	31	30
May	51	47	45	710	750	780	36	35	35
June	50	47	45	740	780	780	37	37	35
July	50	47	44	700	730	730	35	34	32
August	50	47	44	660	675	690	33	32	30
September	50	46	44	600	620	650	30	29	29
October	49	46	44	590	600	630	29	28	28
November	49	46	44	570	580	610	28	27	27
December	48	46	44	560	565	590	27	26	26
Annual	50	47	44	7,400	7,660	7,955	370	360	350
IDAHO:									
January	159	155	156	715	715	720	114	111	112
February	159	156	156	675	685	665	107	107	104
March	159	156	156	800	780	765	127	122	119
April	158	156	155	815	800	785	129	125	122
May	157	156	155	885	880	875	139	137	136
June	157	157	155	885	895	895	139	141	139
July	156	157	155	840	860	840	131	135	130
August	156	157	154	795	830	805	124	130	124
September	156	156	154	755	770	760	118	120	117
October	155	156	154	725	730	730	112	114	112
November	155	156	154	685	690	675	106	108	104
December	155	156	154	715	720	715	111	112	110
Annual	157	156	155	9,280	9,370	9,219	1,457	1,462	1,429
WYOMING:									
January	20.5	20.0	19.0	640	640	650	13.1	12.8	12.4
February	20.5	19.9	19.0	585	595	595	12.0	11.8	11.3
March	20.5	19.8	19.0	655	665	680	13.4	13.2	12.9
April	20.5	19.7	19.0	670	680	690	13.7	13.4	13.1
May	20.5	19.6	19.0	720	735	740	14.8	14.4	14.1
June	20.5	19.5	19.0	725	755	760	14.9	14.7	14.4
July	20.4	19.5	19.0	705	730	735	14.4	14.2	14.0
August	20.3	19.4	18.9	685	705	710	13.9	13.7	13.4
September	20.2	19.3	18.8	635	650	655	12.8	12.5	12.3
October	20.1	19.2	18.7	640	660	665	12.9	12.7	12.4
November	20.0	19.1	18.7	620	635	650	12.4	12.1	12.2
December	20.0	19.0	18.7	635	660	670	12.7	12.5	12.5
Annual	20.3	19.5	18.9	7,930	8,110	8,201	161	158	155

See footnotes at end of table.

Table 9.--Milk cows and milk production, by months --Continued

State and month	Milk cows on farms 1/			Milk per cow 2/			Milk production 2/		
	1967	1968	1969	1967	1968	1969	1967	1968	1969
	-- Thousands --			-- Pounds --			-- Million pounds --		
COLORADO:									
January	98	99	100	680	665	700	67	66	70
February	98	99	100	640	655	650	63	65	65
March	98	99	100	720	705	740	71	70	74
April	98	99	100	725	715	750	71	71	75
May	98	99	101	770	770	795	75	76	80
June	98	99	101	745	750	745	73	74	75
July	97	99	102	740	750	745	72	74	76
August	97	100	102	705	720	725	68	72	74
September	98	100	102	685	680	695	67	68	71
October	98	100	102	690	710	705	68	71	72
November	99	100	102	670	670	670	66	67	68
December	99	100	102	685	710	690	68	71	70
Annual	98	99	101	8,460	8,535	8,614	829	845	870
NEW MEXICO:									
January	38	38	37	685	685	705	26	26	26
February	38	38	37	630	660	650	24	25	24
March	38	38	37	660	685	705	25	26	26
April	38	38	37	660	685	705	25	26	26
May	38	38	37	685	710	730	26	27	27
June	38	38	37	660	685	705	25	26	26
July	38	38	36	660	710	720	25	27	26
August	38	38	36	685	710	720	26	27	26
September	38	38	36	685	685	695	26	26	25
October	38	38	36	710	710	720	27	27	26
November	38	38	36	685	685	695	26	26	25
December	38	38	36	685	685	695	26	26	25
Annual	38	38	36	8,080	8,290	8,556	307	315	308
ARIZONA:									
January	52	51	52	860	920	920	45	47	48
February	52	51	52	810	900	870	42	46	45
March	52	51	52	940	975	960	49	50	50
April	52	51	52	950	925	960	49	47	50
May	52	51	52	940	925	980	49	47	51
June	51	51	51	865	870	940	44	44	48
July	51	51	51	845	865	900	43	44	46
August	51	52	51	825	865	845	42	45	43
September	51	52	51	825	880	920	42	46	47
October	51	52	51	880	900	960	45	47	49
November	51	52	51	865	870	920	44	45	47
December	51	52	51	880	870	960	45	45	49
Annual	51	51	51	10,570	10,840	11,235	539	553	573
UTAH:									
January	76	74	76	790	800	820	60	59	62
February	77	74	76	740	770	750	57	57	57
March	77	74	76	840	850	850	65	63	65
April	77	75	76	840	850	870	65	64	66
May	77	75	76	900	910	950	69	68	72
June	77	75	76	860	890	920	66	67	70
July	77	75	76	860	910	910	65	68	69
August	76	75	76	830	880	890	63	66	68
September	75	75	76	800	810	855	60	61	65
October	75	76	76	800	830	855	60	63	65
November	75	76	76	760	790	800	57	60	61
December	74	76	76	780	830	830	58	63	63
Annual	76	75	76	9,800	10,120	10,303	745	759	783

See footnotes at end of table.

Table 9.--Milk cows and milk production, by months - Continued

State and month	Milk cows on farms 1/			Milk per cow 2/			Milk production 2/		
	1967	1968	1969	1967	1968	1969	1967	1968	1969
	-- Thousands --			-- Pounds --			-- Million pounds --		
NEVADA:									
January.....	13.3	13.6	13.8	800	780	810	10.6	10.6	11.2
February.....	13.3	13.6	13.8	750	765	760	10.0	10.4	10.5
March.....	13.4	13.6	13.8	865	855	845	11.6	11.6	11.7
April.....	13.4	13.6	13.8	860	845	845	11.5	11.5	11.7
May.....	13.4	13.6	13.8	905	900	905	12.1	12.2	12.5
June.....	13.4	13.6	13.8	880	870	885	11.8	11.8	12.2
July.....	13.5	13.7	13.8	880	880	900	11.9	12.1	12.4
August.....	13.5	13.7	13.8	865	865	885	11.7	11.9	12.2
September.....	13.5	13.7	13.8	815	840	840	11.0	11.5	11.6
October.....	13.6	13.8	13.8	810	835	825	11.0	11.5	11.4
November.....	13.6	13.8	13.8	760	790	775	10.3	10.9	10.7
December.....	13.6	13.8	13.8	770	795	790	10.5	11.0	10.9
Annual.....	13.5	13.7	13.8	9,930	10,020	10,072	134	137	139
WASHINGTON:									
January.....	198	194	184	785	790	830	155	153	153
February.....	198	191	183	710	755	780	141	144	143
March.....	197	188	182	810	840	870	160	158	158
April.....	196	186	182	890	920	950	174	171	173
May.....	195	185	182	990	1,020	1,060	193	189	193
June.....	194	184	183	935	980	1,005	181	180	184
July.....	194	184	184	895	935	950	175	172	175
August.....	194	184	184	850	895	920	165	165	169
September.....	193	185	184	880	875	900	160	162	166
October.....	194	185	184	830	875	890	161	162	164
November.....	194	185	184	750	800	815	146	148	150
December.....	195	185	184	760	805	815	148	149	150
Annual.....	195	186	183	10,040	10,500	10,809	1,958	1,953	1,978
OREGON:									
January.....	120	114	111	565	595	605	68	68	67
February.....	119	114	111	530	570	575	63	65	64
March.....	118	114	111	645	665	685	76	76	76
April.....	117	114	111	745	775	795	87	88	88
May.....	116	114	110	855	870	900	99	99	99
June.....	115	113	110	835	855	880	96	97	97
July.....	115	113	110	810	835	845	93	94	93
August.....	115	113	110	750	770	790	86	87	87
September.....	114	113	109	680	710	745	78	80	81
October.....	114	112	109	660	685	715	75	77	78
November.....	114	112	109	620	630	660	71	71	72
December.....	114	112	109	600	620	640	68	69	70
Annual.....	116	113	110	8,280	8,590	8,836	960	971	972
CALIFORNIA:									
January.....	780	780	781	905	890	915	706	694	715
February.....	780	780	779	835	855	825	651	667	643
March.....	780	780	776	970	965	940	757	753	729
April.....	780	781	776	945	965	965	737	754	749
May.....	780	781	776	1,000	1,020	1,020	780	797	792
June.....	780	781	775	980	990	995	764	773	771
July.....	780	781	775	985	1,020	1,020	768	797	790
August.....	780	781	775	960	1,005	1,005	749	785	779
September.....	780	781	775	910	950	965	710	742	748
October.....	780	781	775	915	960	985	714	750	763
November.....	780	781	775	870	915	935	679	715	725
December.....	780	781	775	885	926	950	690	723	736
Annual.....	780	781	776	11,160	11,460	11,521	8,705	8,950	8,940

See footnotes at end of table.

UNITED STATES DEPARTMENT OF AGRICULTURE
 STATISTICAL REPORTING SERVICE
 WASHINGTON, D. C. 20250



OFFICIAL BUSINESS

Table 9.--Milk cows and milk production, by months--Continued

State and month	Milk cows on farms ^{1/}			Milk per cow ^{2/}			Milk production ^{2/}		
	1967	1968	1969	1967	1968	1969	1967	1968	1969
	-- Thousands --			-- Pounds --			-- Million pounds --		
ALASKA:									
January	1.9	1.8	1.7	805	810	845	1.53	1.46	1.44
February	1.9	1.8	1.7	760	790	785	1.44	1.42	1.33
March	2.0	1.9	1.8	800	810	810	1.60	1.54	1.46
April	2.0	1.9	1.8	770	770	795	1.54	1.46	1.43
May	2.0	1.8	1.8	805	835	845	1.61	1.50	1.52
June	1.9	1.8	1.8	840	865	880	1.60	1.56	1.58
July	1.9	1.8	1.8	840	880	910	1.60	1.58	1.64
August	1.8	1.8	1.8	850	895	910	1.53	1.61	1.64
September	1.8	1.7	1.7	840	860	885	1.51	1.46	1.50
October	1.8	1.7	1.7	810	800	840	1.46	1.36	1.43
November	1.8	1.7	1.7	755	790	805	1.36	1.34	1.37
December	1.8	1.7	1.7	790	830	860	1.42	1.41	1.46
Annual	1.9	1.8	1.8	9,580	9,830	9,889	18.2	17.7	17.8
HAWAII:									
January	14.6	14.1	13.0	875	860	830	12.8	12.1	10.8
February	14.5	14.0	12.8	800	795	790	11.6	11.1	10.1
March	14.3	13.9	12.6	900	850	910	12.9	11.8	11.5
April	14.1	13.7	12.5	865	830	910	12.2	11.4	11.4
May	14.2	13.6	12.5	925	880	935	13.1	12.0	11.7
June	14.3	13.5	12.6	845	830	865	12.1	11.2	10.9
July	14.3	13.4	12.7	875	820	875	12.5	11.0	11.1
August	14.4	13.3	12.9	840	800	855	12.1	10.6	11.0
September	14.5	13.3	13.0	800	770	815	11.6	10.2	10.6
October	14.4	13.3	13.0	825	810	845	11.9	10.8	11.0
November	14.4	13.3	13.1	820	810	840	11.8	10.8	11.0
December	14.3	13.2	13.2	865	840	885	12.4	11.0	11.6
Annual	14.4	13.5	12.8	10,200	9,930	10,391	147	134	133

^{1/} Excludes helpers not yet fresh. ^{2/} Excludes milk sucked by calves.