
Milk Production



National
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Statistics
Service

United States
Department of
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Board

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JANUARY MILK PRODUCTION

Milk production in the 21 major States during January totaled 10.7 billion pounds, 3 percent above production in these same States in January 1990, according to the Agricultural Statistics Board. December revised production, at 10.5 billion pounds, was 4 percent above December 1989.

Production per cow in the 21 major States averaged 1,252 pounds for January, 35 pounds more than January 1990.

The number of cows on farms in the 21 major States was 8.51 million head, 36 thousand less than December 1990 and 25 thousand head less than January 1990.

During the October-December period, the 21 major States produced 30.7 billion pounds of milk, 84.6 percent of the U.S. production. If producers in the remaining 29 states not surveyed monthly followed the same pattern as the 21 States, the U.S. production would be 12.6 billion pounds for January 1991.

Special in this issue:

Revised total milk cows, milk production and number operations with milk cows for 1989 and 1990.

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*                   NOTICE          *  
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*                                     *  
*                   March 15, 1991. *  
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MILK COWS AND MILK PRODUCTION BY QUARTERS, UNITED STATES,

MONTH	MILK COWS 1/		MILK PER COW 2/		MILK PRODUCTION 2/		1990 AS % OF 1989
	1989	1990	1989	1990	1989	1990	
	THOUSANDS		POUNDS		MILLION POUNDS		PERCENT
JAN-MAR	10,163	10,128	3,586	3,627	36,441	36,740	101
APR-JUN	10,115	10,111	3,727	3,820	37,702	38,626	102
JUL-SEP	10,099	10,119	3,481	3,620	35,157	36,632	104
OCT-DEC	10,126	10,151	3,451	3,575	34,940	36,285	104
ANNUAL	10,126	10,127	14,244	14,642	144,239	148,284	103

1/ INCLUDES DRY COWS. EXCLUDES HEIFERS NOT YET FRESH.

2/ EXCLUDES MILK SUCKED BY CALVES.

REVISED DECEMBER 1990 MILK COWS AND MILK PRODUCTION, BY STATES

STATE	MILK COWS 1/		MILK PER COW 2/		MILK PRODUCTION 2/		1990 AS % OF 1989
	1989	1990	1989	1990	1989	1990	
	THOUSANDS		POUNDS		MILLION POUNDS		PERCENT
CA	1,114	1,148	1,475	1,515	1,643	1,739	106
FL	182	185	1,175	1,220	214	226	106
ID	170	185	1,290	1,350	219	250	114
IL	195	195	1,140	1,180	222	230	104
IN	160	155	1,145	1,250	183	194	106
IA	308	302	1,160	1,140	357	344	96
KY	211	202	860	955	181	193	107
MD	106	107	1,075	1,120	114	120	105
MI	344	343	1,230	1,250	423	429	101
MN	715	695	1,170	1,190	837	827	99
MO	228	230	1,085	1,110	247	255	103
NY	790	775	1,135	1,205	897	934	104
NC	102	101	1,240	1,330	126	134	106
OH	346	341	1,010	1,065	349	363	104
PA	694	686	1,160	1,240	805	851	106
TN	196	196	920	920	180	180	100
TX	390	390	1,160	1,240	452	484	107
VT	166	164	1,170	1,220	194	200	103
VA	141	141	1,180	1,260	166	178	107
WA	225	241	1,535	1,525	345	368	107
WI	1,759	1,765	1,095	1,115	1,926	1,968	102
21 STATE:							
TOTAL	8,542	8,547	1,180	1,225	10,080	10,467	104

1/ INCLUDES DRY COWS. EXCLUDES HEIFERS NOT YET FRESH.

2/ EXCLUDES MILK SUCKED BY CALVES.

MILK COWS AND MILK PRODUCTION BY MONTHS, 21 SELECTED STATES

MONTH	MILK COWS 1/		MILK PER COW 2/		MILK PRODUCTION 2/		
	1990	1991	1990	1991	1990	1991	1991 AS % OF 1990
	THOUSANDS		POUNDS		MILLION POUNDS		PERCENT
JAN	8,536	8,511	1,217	1,252	10,389	10,657	103
FEB	8,523		1,141		9,722		
MAR	8,500		1,292		10,986		
APR	8,497		1,273		10,818		
MAY	8,496		1,324		11,252		
JUN	8,495		1,262		10,719		
JUL	8,487		1,260		10,691		
AUG	8,499		1,233		10,476		
SEP	8,516		1,171		9,973		
OCT	8,516		1,200		10,223		
NOV	8,540		1,171		9,998		
DEC	8,547		1,225		10,467		
ANNUAL	8,513		14,768		125,714		

1/ INCLUDES DRY COWS. EXCLUDES HEIFERS NOT YET FRESH.
 2/ EXCLUDES MILK SUCKED BY CALVES.

PRELIMINARY JANUARY 1991 MILK COWS AND MILK PRODUCTION, BY STATES

STATE	MILK COWS 1/		MILK PER COW 2/		MILK PRODUCTION 2/		
	1990	1991	1990	1991	1990	1991	1991 AS % OF 1990
	THOUSANDS		POUNDS		MILLION POUNDS		PERCENT
CA	1,118	1,150	1,485	1,520	1,660	1,748	105
FL	179	184	1,280	1,320	229	243	106
ID	171	182	1,310	1,310	224	238	106
IL	197	193	1,175	1,220	231	235	102
IN	159	153	1,195	1,270	190	194	102
IA	308	302	1,200	1,170	370	353	95
KY	209	200	885	975	185	195	105
MD	105	107	1,075	1,120	113	120	106
MI	344	344	1,265	1,285	435	442	102
MN	715	690	1,220	1,250	872	863	99
MO	227	231	1,120	1,105	254	255	100
NY	782	768	1,185	1,255	927	964	104
NC	99	101	1,300	1,380	129	139	108
OH	346	340	1,075	1,140	372	388	104
PA	692	682	1,185	1,225	820	835	102
TN	195	194	900	900	176	175	99
TX	389	388	1,220	1,240	475	481	101
VT	165	163	1,220	1,220	201	199	99
VA	141	141	1,190	1,240	168	175	104
WA	230	240	1,545	1,530	355	367	103
WI	1,765	1,758	1,135	1,165	2,003	2,048	102
21 STATE TOTAL	8,536	8,511	1,217	1,252	10,389	10,657	103

1/ INCLUDES DRY COWS. EXCLUDES HEIFERS NOT YET FRESH.
 2/ EXCLUDES MILK SUCKED BY CALVES.

MILK COWS AND MILK PRODUCTION UNITED STATES, 1983-90

YEAR	MILK COWS 1/	PRODUCTION PER COW		MILK PRODUCTION
		2/		2/
		MILK		TOTAL
	THOUSANDS	POUNDS		MILLION POUNDS
1983	11,059	12,622		139,588
1984	10,793	12,541		135,351
1985	10,981	13,024		143,012
1986	10,773	13,285		143,124
1987	10,327	13,819		142,709
1988	10,262	14,145		145,152
1989 3/	10,126	14,245		144,239
1990 3/	10,127	14,642		148,284

- 1/ AVERAGE NUMBER DURING YEAR, EXCLUDING HEIFERS NOT YET FRESH.
 2/ EXCLUDES MILK SUCKED BY CALVES.
 3/ REVISED.

MILK COWS AND MILK PRODUCTION BY MONTHS/QUARTERS, UNITED STATES

MONTH	MILK COWS 1/		MILK PER COW 2/		MILK PRODUCTION 2/		AS % OF 1989
	1989	1990	1989	1990	1989	1990	
	THOUSANDS		POUNDS		MILLION POUNDS		PERCENT
JAN	8,588	8,536	1,217	1,217	10,452	10,389	99
FEB	8,563	8,523	1,133	1,141	9,700	9,722	100
MAR	8,539	8,500	1,267	1,292	10,823	10,986	102
JAN-MAR	10,163	10,128	3,586	3,627	36,441	36,740	101
APR	8,523	8,497	1,255	1,273	10,695	10,818	101
MAY	8,515	8,496	1,295	1,324	11,028	11,252	102
JUN	8,503	8,495	1,214	1,262	10,326	10,719	104
APR-JUN	10,115	10,111	3,727	3,820	37,702	38,626	102
JUL	8,490	8,487	1,200	1,260	10,188	10,691	105
AUG	8,507	8,499	1,183	1,233	10,067	10,476	104
SEP	8,500	8,516	1,134	1,171	9,642	9,973	103
JUL-SEP	10,099	10,119	3,481	3,620	35,157	36,632	104
OCT	8,509	8,516	1,160	1,200	9,871	10,223	104
NOV	8,529	8,540	1,130	1,171	9,637	9,998	104
DEC	8,542	8,547	1,180	1,225	10,080	10,467	104
OCT-DEC	10,126	10,151	3,451	3,575	34,940	36,285	104
ANNUAL	10,126	10,127	14,244	14,642	144,239	148,284	103

- 1/ INCLUDES DRY COWS. EXCLUDES HEIFERS NOT YET FRESH.
 2/ EXCLUDES MILK SUCKED BY CALVES.

ANNUAL MILK COWS AND MILK PRODUCTION

STATE	MILK COWS 1/		MILK PER COW 2/		MILK PRODUCTION 2/		
	1989	1990	1989	1990	1989	1990	1990 AS % OF 1989
	THOUSANDS		POUNDS		MILLION POUNDS		PERCENT
AL	43	42	12,256	12,524	527	526	100
AK	1.6	1.2	14,563	14,000	23.3	16.8	72
AZ	91	94	16,758	17,447	1,525	1,640	108
AR	68	69	11,676	11,841	794	817	103
CA	1,104	1,135	17,591	18,461	19,420	20,953	108
CO	76	77	16,803	17,182	1,277	1,323	104
CT	34	33	15,412	15,606	524	515	98
DE	9.2	8.9	13,870	13,708	127.6	122.0	96
FL	181	180	13,519	14,044	2,447	2,528	103
GA	107	111	12,178	12,973	1,303	1,440	111
HI	11.8	11.1	13,051	13,586	154.0	150.8	98
ID	171	179	15,608	16,475	2,669	2,949	110
IL	197	195	13,924	14,462	2,743	2,820	103
IN	162	156	13,759	14,590	2,229	2,276	102
IA	309	305	13,599	14,197	4,202	4,330	103
KS	99	99	12,687	12,576	1,256	1,245	99
KY	212	206	10,684	10,947	2,265	2,255	100
LA	86	81	11,047	11,605	950	940	99
ME	43	42	14,163	14,619	609	614	101
MD	104	103	13,240	13,262	1,377	1,366	99
MA	31	31	14,452	14,871	448	461	103
MI	345	344	14,933	15,212	5,152	5,233	102
MN	734	710	13,771	14,093	10,108	10,006	99
MS	65	62	11,800	12,081	767	749	98
MO	228	230	13,048	13,217	2,975	3,040	102
MT	24	24	13,625	14,083	327	338	103
NE	105	104	12,952	12,933	1,360	1,345	99
NV	19.8	20.0	14,899	16,600	295.0	332.0	113
NH	20	20	14,600	15,150	292	303	104
NJ	28	26	13,000	13,577	364	353	97
NM	67	81	18,552	18,815	1,243	1,524	123
NY	776	768	14,267	14,456	11,071	11,102	100
NC	104	100	14,721	15,220	1,531	1,522	99
ND	86	88	11,977	12,534	1,030	1,103	107
OH	349	342	12,994	13,143	4,535	4,495	99
OK	100	101	12,320	12,327	1,232	1,245	101
OR	95	99	15,884	16,273	1,509	1,611	107
PA	698	683	14,324	14,543	9,998	9,933	99
RI	2.3	2.2	14,783	15,455	34.0	34.0	100
SC	37	35	12,486	12,743	462	446	97
SD	143	140	12,056	12,257	1,724	1,716	100
TN	196	196	11,184	11,209	2,192	2,197	100
TX	386	386	13,394	14,350	5,170	5,539	107
UT	76	80	15,395	15,838	1,170	1,267	108
VT	163	163	14,337	14,528	2,337	2,368	101
VA	143	141	13,933	14,213	1,991	2,004	101
WA	225	237	18,209	18,557	4,097	4,398	107
WV	25	24	11,160	11,250	279	270	97
WI	1,739	1,753	13,801	13,919	24,000	24,400	102
WY	10.1	10.1	12,277	12,178	124.0	123.0	99
U S 3/	10,126	10,127	14,244	14,642	144,239	148,284	103

1/ AVERAGE NUMBER DURING YEAR, EXCLUDING HEIFERS NOT YET FRESH.
 2/ EXCLUDES MILK SUCKED BY CALVES.
 3/ WILL NOT ADD DUE TO ROUNDING.

MILK COWS: NUMBER, BY MONTHS, BY STATES, 1989 1/

STATE	JAN	FEB	MAR	APR	MAY	JUN
	THOUSANDS					
CA	1,096	1,098	1,100	1,101	1,102	1,103
FL	182	182	182	182	182	180
ID	170	169	170	170	170	172
IL	200	199	199	199	199	197
IN	167	165	163	162	162	161
IA	308	309	308	309	309	309
KY	212	211	212	212	213	213
MD	109	106	104	104	104	103
MI	343	345	345	345	345	345
MN	765	760	750	740	735	730
MO	233	232	232	230	229	227
NY	780	778	775	774	765	768
NC	106	106	106	105	104	104
OH	351	350	351	351	352	350
PA	715	710	704	695	695	690
TN	198	198	196	196	194	195
TX	381	382	384	384	384	387
VT	170	165	162	162	161	159
VA	144	143	144	143	144	143
WA	223	223	222	225	227	228
WI	1,735	1,732	1,730	1,734	1,739	1,739
21 STATES	8,588	8,563	8,539	8,523	8,515	8,503

SEE FOOTNOTES ON PAGE 7.

MILK COWS: NUMBER, BY MONTHS, BY STATES, 1989 1/ CONTINUED

STATE	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL AVERAGE 2/
THOUSANDS							
CA	1,104	1,106	1,107	1,109	1,111	1,114	1,104
FL	178	178	177	178	183	182	181
ID	172	172	171	170	170	170	171
IL	197	197	195	195	195	195	197
IN	160	160	160	160	159	160	162
IA	309	310	309	310	308	308	309
KY	211	211	211	212	212	211	212
MD	101	102	102	103	104	106	104
MI	345	346	344	344	344	344	345
MN	725	725	725	720	720	715	734
MO	225	225	225	227	228	228	228
NY	768	779	777	777	781	790	776
NC	103	103	104	104	104	102	104
OH	349	348	348	348	348	346	349
PA	692	697	695	693	694	694	698
TN	196	196	196	196	197	196	196
TX	387	387	388	388	388	390	386
VT	161	163	165	163	164	166	163
VA	142	142	142	142	142	141	143
WA	227	225	224	226	225	225	225
WI	1,738	1,735	1,735	1,744	1,752	1,759	1,739
21 STATES	8,490	8,507	8,500	8,509	8,529	8,542	8,526

1/ INCLUDES DRY COWS, EXCLUDES HEIFERS NOT YET FRESH.

2/ AVERAGE BASED ON MONTHLY TOTALS.

MILK COWS: NUMBER, BY MONTHS, BY STATES, 1990 1/

STATE	JAN	FEB	MAR	APR	MAY	JUN
	THOUSANDS					
CA	1,118	1,122	1,126	1,130	1,133	1,136
FL	179	179	180	181	180	178
ID	171	172	174	176	177	178
IL	197	197	197	195	193	193
IN	159	158	157	155	155	154
IA	308	308	308	308	308	307
KY	209	208	208	209	208	207
MD	105	104	103	102	102	101
MI	344	344	344	345	345	345
MN	715	720	720	720	720	715
MO	227	227	227	229	231	232
NY	782	774	769	766	761	758
NC	99	99	99	99	100	100
OH	346	345	344	342	340	342
PA	692	689	684	680	677	680
TN	195	196	195	196	196	197
TX	389	388	386	385	383	381
VT	165	164	163	162	162	162
VA	141	141	141	140	140	139
WA	230	232	234	235	238	239
WI	1,765	1,756	1,741	1,742	1,747	1,751
21 STATES	8,536	8,523	8,500	8,497	8,496	8,495

SEE FOOTNOTES ON PAGE 9.

MILK COWS: NUMBER, BY MONTHS, BY STATES, 1990 1/ CONTINUED

STATE	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL AVERAGE 2/
	THOUSANDS						
CA	1,138	1,140	1,142	1,144	1,146	1,148	1,135
FL	178	178	179	178	182	185	180
ID	179	180	183	185	186	185	179
IL	193	193	195	196	197	195	195
IN	154	154	155	155	155	155	156
IA	307	302	302	302	302	302	305
KY	207	207	205	202	203	202	206
MD	101	102	103	104	105	107	103
MI	345	345	345	343	343	343	344
MN	710	705	705	700	700	695	710
MO	231	231	230	231	230	230	230
NY	755	765	771	767	776	775	768
NC	100	100	100	100	101	101	100
OH	340	341	340	340	340	341	342
PA	676	682	682	685	687	686	683
TN	197	198	197	196	196	196	196
TX	383	383	384	386	388	390	386
VT	163	163	163	163	164	164	163
VA	140	140	141	142	142	141	141
WA	240	240	240	238	238	241	237
WI	1,750	1,750	1,754	1,759	1,759	1,765	1,753
21 STATES	8,487	8,499	8,516	8,516	8,540	8,547	8,513

1/ INCLUDES DRY COWS, EXCLUDES HEIFERS NOT YET FRESH.

2/ AVERAGE BASED ON MONTHLY TOTALS.

MILK: MILK PRODUCED PER COW, BY MONTHS, BY STATES, 1989 1/

STATE	JAN	FEB	MAR	APR	MAY	JUN
	POUNDS					
CA	1,380	1,280	1,475	1,475	1,535	1,485
FL	1,265	1,180	1,320	1,260	1,235	1,100
ID	1,280	1,160	1,290	1,280	1,360	1,350
IL	1,130	1,090	1,205	1,210	1,245	1,195
IN	1,160	1,085	1,220	1,215	1,260	1,140
IA	1,170	1,115	1,160	1,135	1,160	1,125
KY	935	875	975	995	980	855
MD	1,140	1,085	1,210	1,190	1,190	1,070
MI	1,280	1,180	1,305	1,270	1,310	1,270
MN	1,180	1,100	1,235	1,205	1,250	1,190
MO	1,075	975	1,110	1,185	1,210	1,090
NY	1,245	1,145	1,300	1,275	1,315	1,220
NC	1,300	1,220	1,340	1,315	1,325	1,190
OH	1,145	1,055	1,170	1,160	1,220	1,085
PA	1,240	1,200	1,290	1,280	1,310	1,180
TN	920	890	970	1,000	995	940
TX	1,180	1,065	1,230	1,240	1,225	1,090
VT	1,205	1,135	1,285	1,250	1,285	1,200
VA	1,215	1,140	1,245	1,240	1,215	1,105
WA	1,490	1,360	1,535	1,520	1,590	1,530
WI	1,185	1,095	1,225	1,200	1,265	1,200
21 STATES	1,217	1,133	1,267	1,255	1,295	1,214

SEE FOOTNOTES ON PAGE 11.

MILK: MILK PRODUCED PER COW, BY MONTHS, BY STATES, 1989 1/ CONTINUED

STATE	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL AVERAGE
	POUNDS						
CA	1,540	1,550	1,475	1,485	1,450	1,475	17,591
FL	1,035	980	940	1,010	1,050	1,175	13,519
ID	1,390	1,390	1,300	1,310	1,250	1,290	15,608
IL	1,165	1,165	1,130	1,125	1,100	1,140	13,924
IN	1,140	1,130	1,080	1,125	1,090	1,145	13,759
IA	1,115	1,115	1,085	1,115	1,150	1,160	13,599
KY	840	850	845	855	835	860	10,684
MD	1,050	1,070	1,040	1,070	1,050	1,075	13,240
MI	1,265	1,255	1,200	1,210	1,180	1,230	14,933
MN	1,135	1,080	1,045	1,085	1,085	1,170	13,771
MO	1,090	1,070	1,025	1,065	1,045	1,085	13,048
NY	1,180	1,135	1,105	1,130	1,085	1,135	14,267
NC	1,135	1,135	1,130	1,185	1,165	1,240	14,721
OH	1,070	1,060	1,005	1,015	985	1,010	12,994
PA	1,155	1,135	1,105	1,145	1,125	1,160	14,324
TN	910	915	910	920	900	920	11,184
TX	1,040	1,025	985	1,080	1,085	1,160	13,394
VT	1,165	1,165	1,125	1,175	1,135	1,170	14,337
VA	1,090	1,135	1,105	1,150	1,140	1,180	13,933
WA	1,590	1,575	1,495	1,520	1,465	1,535	18,209
WI	1,175	1,150	1,080	1,090	1,040	1,095	13,801
21 STATES	1,200	1,183	1,134	1,160	1,130	1,180	14,369

1/ EXCLUDES MILK SUCKED BY CALVES.

MILK: MILK PRODUCED PER COW, BY MONTHS, BY STATES, 1990 1/

STATE	JAN	FEB	MAR	APR	MAY	JUN
	POUNDS					
CA	1,485	1,360	1,580	1,560	1,640	1,580
FL	1,280	1,230	1,360	1,295	1,270	1,150
ID	1,310	1,190	1,370	1,360	1,430	1,430
IL	1,175	1,135	1,285	1,280	1,310	1,240
IN	1,195	1,115	1,260	1,245	1,300	1,240
IA	1,200	1,170	1,220	1,190	1,230	1,180
KY	885	840	960	965	980	895
MD	1,075	1,020	1,175	1,145	1,185	1,100
MI	1,265	1,175	1,300	1,270	1,315	1,285
MN	1,220	1,135	1,280	1,245	1,280	1,215
MO	1,120	1,025	1,185	1,200	1,220	1,090
NY	1,185	1,105	1,260	1,240	1,300	1,260
NC	1,300	1,220	1,350	1,320	1,340	1,235
OH	1,075	1,040	1,150	1,125	1,215	1,130
PA	1,185	1,140	1,250	1,240	1,310	1,230
TN	900	870	950	1,010	1,000	950
TX	1,220	1,160	1,335	1,295	1,295	1,160
VT	1,220	1,120	1,270	1,235	1,290	1,240
VA	1,190	1,115	1,240	1,215	1,235	1,150
WA	1,545	1,400	1,575	1,570	1,630	1,570
WI	1,135	1,065	1,225	1,205	1,265	1,225
21 STATES	1,217	1,141	1,292	1,273	1,324	1,262

SEE FOOTNOTES ON PAGE 13.

MILK: MILK PRODUCED PER COW, BY MONTHS, BY STATES, 1990 1/ CONTINUED

STATE	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL AVERAGE
	POUNDS						
CA	1,605	1,590	1,520	1,540	1,480	1,515	18,461
FL	1,090	1,010	965	1,060	1,120	1,220	14,044
ID	1,490	1,470	1,390	1,370	1,320	1,350	16,475
IL	1,210	1,190	1,135	1,175	1,140	1,180	14,462
IN	1,250	1,205	1,160	1,210	1,195	1,250	14,590
IA	1,220	1,210	1,130	1,150	1,130	1,140	14,197
KY	885	885	875	910	895	955	10,947
MD	1,090	1,100	1,060	1,085	1,075	1,120	13,262
MI	1,330	1,325	1,240	1,245	1,200	1,250	15,212
MN	1,160	1,110	1,045	1,095	1,100	1,190	14,093
MO	1,070	1,070	1,015	1,070	1,065	1,110	13,217
NY	1,250	1,195	1,155	1,175	1,125	1,205	14,456
NC	1,210	1,200	1,190	1,270	1,270	1,330	15,220
OH	1,130	1,100	1,040	1,060	1,025	1,065	13,143
PA	1,220	1,200	1,140	1,190	1,195	1,240	14,543
TN	930	930	920	920	900	920	11,209
TX	1,160	1,115	1,060	1,165	1,160	1,240	14,350
VT	1,210	1,190	1,170	1,190	1,160	1,220	14,528
VA	1,145	1,170	1,150	1,190	1,185	1,260	14,213
WA	1,610	1,590	1,510	1,545	1,475	1,525	18,557
WI	1,220	1,185	1,105	1,110	1,065	1,115	13,919
21 STATES	1,260	1,233	1,171	1,200	1,171	1,225	14,768

1/ EXCLUDES MILK SUCKED BY CALVES.

MILK PRODUCTION: TOTAL, BY MONTHS, BY STATES, 1989 1/

STATE	JAN	FEB	MAR	APR	MAY	JUN
	MILLION POUNDS					
CA	1,512	1,405	1,623	1,624	1,692	1,638
FL	230	215	240	229	225	198
ID	218	196	219	218	231	232
IL	226	217	240	241	248	235
IN	194	179	199	197	204	184
IA	360	345	357	351	358	348
KY	198	185	207	211	209	182
MD	124	115	126	124	124	110
MI	439	407	450	438	452	438
MN	903	836	926	892	919	869
MO	250	226	258	273	277	247
NY	971	891	1,008	987	1,006	937
NC	138	129	142	138	138	124
OH	402	369	411	407	429	380
PA	887	852	908	890	910	814
TN	182	176	190	196	193	183
TX	450	407	472	476	470	422
VT	205	187	208	203	207	191
VA	175	163	179	177	175	158
WA	333	303	341	342	361	349
WI	2,056	1,897	2,119	2,081	2,200	2,087
21 STATES	10,453	9,700	10,823	10,695	11,028	10,326

SEE FOOTNOTES ON PAGE 15.

MILK PRODUCTION: TOTAL, BY MONTHS, BY STATES, 1989 1/ CONTINUED

STATE	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL TOTAL
MILLION POUNDS							
CA	1,700	1,714	1,633	1,647	1,589	1,643	19,420
FL	184	174	166	180	192	214	2,447
ID	239	239	222	223	213	219	2,669
IL	230	230	220	219	215	222	2,743
IN	182	181	173	180	173	183	2,229
IA	345	346	335	346	354	357	4,202
KY	177	179	178	181	177	181	2,265
MD	106	109	106	110	109	114	1,377
MI	436	434	413	416	406	423	5,152
MN	823	783	758	781	781	837	10,108
MO	245	241	231	242	238	247	2,975
NY	906	884	859	878	847	897	11,071
NC	117	117	118	123	121	126	1,531
OH	373	369	350	353	343	349	4,535
PA	799	791	768	793	781	805	9,998
TN	178	179	178	180	177	180	2,192
TX	402	397	382	419	421	452	5,170
VT	188	190	186	192	186	194	2,337
VA	155	161	157	163	162	166	1,991
WA	361	354	335	343	330	345	4,097
WI	2,042	1,995	1,874	1,901	1,822	1,926	24,000
21 STATES	10,188	10,067	9,642	9,870	9,637	10,080	122,509

1/ EXCLUDES MILK SUCKED BY CALVES.

MILK PRODUCTION: TOTAL, BY MONTHS, BY STATES, 1990 1/

STATE	JAN	FEB	MAR	APR	MAY	JUN
MILLION POUNDS						
CA	1,660	1,526	1,779	1,763	1,858	1,795
FL	229	220	245	234	229	205
ID	224	205	238	239	253	255
IL	231	224	253	250	253	239
IN	190	176	198	193	202	191
IA	370	360	376	367	379	362
KY	185	175	200	202	204	185
MD	113	106	121	117	121	111
MI	435	404	447	438	454	443
MN	872	817	922	896	922	869
MO	254	233	269	275	282	253
NY	927	855	969	950	989	955
NC	129	121	134	131	134	124
OH	372	358	396	385	413	386
PA	820	785	855	843	887	836
TN	176	171	185	198	196	187
TX	475	450	515	499	496	442
VT	201	184	207	200	209	201
VA	168	157	175	170	173	160
WA	355	325	369	369	388	375
WI	2,003	1,870	2,133	2,099	2,210	2,145
21 STATES	10,389	9,722	10,986	10,818	11,252	10,719

SEE FOOTNOTES ON PAGE 17.

MILK PRODUCTION: TOTAL, BY MONTHS, BY STATES, 1990 1/ CONTINUED

STATE	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL TOTAL
MILLION POUNDS							
CA	1,826	1,813	1,736	1,762	1,696	1,739	20,953
FL	194	180	173	189	204	226	2,528
ID	267	265	254	253	246	250	2,949
IL	234	230	221	230	225	230	2,820
IN	193	186	180	188	185	194	2,276
IA	375	368	341	347	341	344	4,330
KY	183	183	179	184	182	193	2,255
MD	110	112	109	113	113	120	1,366
MI	459	457	428	427	412	429	5,233
MN	824	783	737	767	770	827	10,006
MO	247	247	233	247	245	255	3,040
NY	944	914	891	901	873	934	11,102
NC	121	120	119	127	128	134	1,522
OH	384	375	354	360	349	363	4,495
PA	825	818	777	815	821	851	9,933
TN	183	184	181	180	176	180	2,197
TX	444	427	407	450	450	484	5,539
VT	197	194	191	194	190	200	2,368
VA	160	164	162	169	168	178	2,004
WA	386	382	362	368	351	368	4,398
WI	2,135	2,074	1,938	1,952	1,873	1,968	24,400
21 STATES	10,691	10,476	9,973	10,223	9,998	10,467	125,714

1/ EXCLUDES MILK SUCKED BY CALVES.

MILK COWS AND MILK PRODUCTION: NUMBER AND TOTAL MILK PRODUCED
BY QUARTERS, BY STATES, 1989

STATE	MILK COWS 1/				MILK PRODUCTION 2/			
	JAN-MAR	APR-JUN	JUL-SEP	OCT-DEC	JAN-MAR	APR-JUN	JUL-SEP	OCT-DEC
	THOUSAND HEAD				MILLION POUNDS			
AL	44	43	43	42	148	140	110	129
AK	1.9	1.7	1.5	1.4	6.75	6.39	5.51	4.65
AZ	88	89	93	94	396	393	338	398
AR	68	68	68	69	201	207	191	195
CA	1,098	1,102	1,106	1,111	4,540	4,954	5,047	4,879
CO	75	75	76	77	303	327	327	320
CT	35	35	33	34	138	134	124	128
DE	9.3	9.1	9.1	9.1	33.9	34.0	29.5	30.2
FL	182	181	178	181	685	652	524	586
GA	104	105	108	109	350	335	284	334
HI	12.3	12.0	11.4	11.4	39.2	40.2	38.4	36.2
ID	170	171	172	170	633	681	700	655
IL	199	198	196	195	683	724	680	656
IN	165	162	160	160	572	585	536	536
IA	308	309	309	309	1,062	1,057	1,026	1,057
KS	99	99	98	98	318	325	304	309
KY	212	213	211	212	590	602	534	539
LA	87	87	86	85	260	256	211	223
ME	43	44	43	42	155	156	151	147
MD	106	104	102	104	365	358	321	333
MA	31	31	30	31	118	115	106	109
MI	344	345	345	344	1,296	1,328	1,283	1,245
MN	758	735	725	718	2,665	2,680	2,364	2,399
MS	67	66	65	63	214	208	166	179
MO	232	229	225	228	734	797	717	727
MT	24	24	24	24	80	84	82	81
NE	105	105	105	105	326	350	348	336
NV	19.0	20.0	20.0	20.0	71.3	76.8	73.7	73.2
NH	21	20	19	18	77	74	69	72
NJ	29	28	27	26	97	95	85	87
NM	63	66	68	69	280	319	319	325
NY	778	769	775	783	2,870	2,930	2,649	2,622
NC	106	104	103	103	409	400	352	370
ND	87	86	84	85	255	274	256	245
OH	351	351	348	347	1,182	1,216	1,092	1,045
OK	100	100	100	100	310	316	300	306
OR	94	94	95	97	355	393	391	370
PA	710	693	695	694	2,647	2,614	2,358	2,379
RI	2.4	2.4	2.3	2.2	9.1	8.7	8.2	8.0
SC	38	37	36	36	130	121	100	111
SD	144	143	143	141	420	460	438	406
TN	197	195	196	196	548	572	535	537
TX	382	385	387	389	1,329	1,368	1,181	1,292
UT	74	76	77	75	274	300	304	292
VT	166	161	163	164	600	601	564	572
VA	144	143	142	142	517	510	473	491
WA	223	227	225	225	976	1,052	1,050	1,019
WV	25	25	25	25	70	72	69	68
WI	1,732	1,737	1,736	1,752	6,072	6,368	5,911	5,649
WY	10.1	10.1	10.0	10.0	30.4	32.6	31.3	29.7
U S 3/	10,163	10,115	10,099	10,126	36,441	37,702	35,157	34,940

1/ QUARTERLY AVERAGE INCLUDES DRY COWS, EXCLUDES HEIFERS NOT YET FRESH.
2/ EXCLUDES MILK SUCKED BY CALVES.
3/ WILL NOT ADD DUE TO ROUNDING.

MILK COWS AND MILK PRODUCTION: NUMBER AND TOTAL MILK PRODUCED
BY QUARTERS, BY STATES, 1990

STATE	MILK COWS 1/				MILK PRODUCTION 2/			
	JAN-MAR	APR-JUN	JUL-SEP	OCT-DEC	JAN-MAR	APR-JUN	JUL-SEP	OCT-DEC
	THOUSAND HEAD				MILLION POUNDS			
AL	40	41	42	43	143	139	113	131
AK	1.3	1.1	1.1	1.1	4.35	4.40	4.24	3.81
AZ	92	94	95	96	436	430	362	412
AR	69	69	69	69	208	213	199	197
CA	1,122	1,133	1,140	1,146	4,965	5,416	5,375	5,197
CO	77	77	77	77	322	336	335	330
CT	34	33	33	33	134	132	123	126
DE	8.9	8.9	9.0	9.0	31.6	30.9	30.4	29.1
FL	179	180	178	182	694	668	547	619
GA	110	110	112	113	381	366	321	372
HI	11.3	11.2	10.9	11.0	38.4	40.2	37.3	34.9
ID	172	177	181	185	667	747	786	749
IL	197	194	194	196	708	742	685	685
IN	158	155	154	155	564	586	559	567
IA	308	308	304	302	1,106	1,108	1,084	1,032
KS	98	99	99	98	310	310	305	320
KY	208	208	206	202	560	591	545	559
LA	83	82	80	80	251	248	212	229
ME	43	42	42	41	157	155	153	149
MD	104	102	102	105	340	349	331	346
MA	31	31	30	30	117	119	111	114
MI	344	345	345	343	1,286	1,335	1,344	1,268
MN	718	718	707	698	2,611	2,687	2,344	2,364
MS	63	62	61	62	199	203	168	179
MO	227	231	231	230	756	810	727	747
MT	24	24	24	24	81	81	86	90
NE	104	104	104	103	325	348	341	331
NV	20.0	20.0	20.0	20.0	80.0	86.0	82.0	84.0
NH	20	20	20	20	78	77	72	76
NJ	26	26	26	25	91	92	84	86
NM	72	79	85	87	339	398	395	392
NY	775	762	764	773	2,751	2,894	2,749	2,708
NC	99	100	100	101	384	389	360	389
ND	89	89	87	85	276	289	274	264
OH	345	341	340	340	1,126	1,184	1,113	1,072
OK	101	102	101	100	313	319	308	305
OR	98	98	99	100	379	419	418	395
PA	688	679	680	686	2,460	2,566	2,420	2,487
RI	2.2	2.3	2.2	2.2	8.5	8.9	8.2	8.4
SC	36	35	35	34	122	115	100	109
SD	140	140	140	139	420	451	428	417
TN	195	196	197	196	532	581	548	536
TX	388	383	383	388	1,440	1,437	1,278	1,384
UT	80	81	80	80	300	326	323	318
VT	164	162	163	164	592	610	582	584
VA	141	140	140	142	500	503	486	515
WA	232	237	240	239	1,049	1,132	1,130	1,087
WV	25	24	24	24	69	70	66	65
WI	1,754	1,747	1,751	1,761	6,006	6,454	6,147	5,793
WY	10.0	10.0	10.3	10.2	29.0	30.8	33.2	30.0
U S 3/	10,128	10,111	10,119	10,151	36,740	38,626	36,632	36,285

1/ QUARTERLY AVERAGE INCLUDES DRY COWS, EXCLUDES HEIFERS NOT YET FRESH.
2/ EXCLUDES MILK SUCKED BY CALVES.
3/ WILL NOT ADD DUE TO ROUNDING.

NUMBER OF OPERATIONS WITH MILK COWS 1989-90 1/

STATE	OPERATIONS WITH MILK COWS	
	1989	1990
	NUMBER	
AL	1,300	1,200
AK	40	40
AZ	500	500
AR	2,000	2,000
CA	4,700	4,500
CO	1,700	1,700
CT	500	500
DE	180	160
FL	1,200	1,200
GA	1,600	1,500
HI	80	80
ID	2,500	2,200
IL	4,100	3,900
IN	5,300	5,000
IA	7,800	7,800
KS	2,400	2,400
KY	7,000	6,500
LA	2,300	2,100
ME	1,000	1,000
MD	1,900	1,800
MA	700	700
MI	6,500	6,500
MN	16,500	15,500
MS	1,700	1,500
MO	8,500	8,000
MT	2,000	1,900
NE	3,500	3,300
NV	300	300
NH	500	500
NJ	450	450
NM	1,200	1,200
NY	13,500	13,000
NC	2,500	2,000
ND	2,500	2,400
OH	9,200	9,000
OK	3,600	3,400
OR	2,200	2,100
PA	16,500	15,500
RI	60	60
SC	1,300	1,200
SD	3,900	3,600
TN	5,000	4,500
TX	6,000	5,700
UT	1,500	1,500
VT	2,800	2,700
VA	3,500	3,000
WA	3,000	3,000
WV	2,000	1,500
WI	34,000	33,000
WY	700	700
U S	203,710	193,790

1/ AN OPERATION IS ANY PLACE HAVING 1 OR MORE MILK COWS ON HAND DURING YEAR.