
Milk Production



National
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United States
Department of
Agriculture

Agricultural
Statistics
Board

Washington, D.C.

RELEASED: February 15, 1990
3:00 P.M. ET

JANUARY MILK PRODUCTION (21 STATES)

Milk production in the 21 major States during January totaled 10.4 billion pounds, virtually unchanged from the production in these same States in January 1989, according to the Agricultural Statistics Board. December revised production, at 10.0 billion pounds, was 2 percent below December 1988.

Production per cow in the 21 major States averaged 1,222 pounds for January, 5 pounds above January 1989.

The number of cows on farms in the 21 major States was 8.54 million head, 54 thousand head below January 1989 and 9 thousand head below December 1989.

During the October-December 1989 period the 21 major States produced 84.7 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 12.3 billion pounds for January 1990.

* **NOTICE** *
* *
* **SPECIAL IN THIS ISSUE:** Total milk cows, milk production and number*
* operations with milk cows: The revised 1988-89 estimates relate *
* to final historical estimates for 1983-87. *
* *
* **REVISIONS FOR 1983-87 WERE RELEASED FEBRUARY 7, 1990,** following *
* review of the 1987 Census of Agriculture data compiled by the *
* Department of Commerce. Requests for a subscription order form *
* covering all available report should be directed to ERS/NASS, P.O. *
* Box 1608, Rockville, MD 20849-1608 or call 800-999-6779. *
* *
* The next issue of this report will be published **March 15, 1990.** *

MILK COWS AND MILK PRODUCTION BY QUARTERS, UNITED STATES,

MONTH	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
JAN-MAR	10,164		3,586		36,445		
APR-JUN	10,116		3,727		37,702		
JUL-SEP	10,101		3,484		35,188		
OCT-DEC	10,127		3,448		34,917		
ANNUAL	10,127		14,244		144,252		

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

2/ EXCLUDES MILK SUCKED BY CALVES.

REVISED DECEMBER 1989 MILK COWS AND MILK PRODUCTION, BY STATES

STATE	MILK COWS 1/		MILK PER COW 2/		MILK PRODUCTION 2/		
	1988	1989	1988	1989	1988	1989	1989 AS % OF 1988
	THOUSANDS		POUNDS		MILLION POUNDS		PERCENT
CA	1,094	1,114	1,385	1,415	1,515	1,576	104
FL	182	182	1,160	1,175	211	214	101
ID	170	170	1,270	1,290	216	219	101
IL	201	195	1,115	1,140	224	222	99
IN	167	160	1,110	1,150	185	184	99
IA	310	308	1,125	1,160	349	357	102
KY	211	211	910	860	192	181	94
MD	109	106	1,100	1,075	120	114	95
MI	345	344	1,250	1,230	431	423	98
MN	770	715	1,140	1,170	878	837	95
MO	234	228	1,080	1,085	253	247	98
NY	782	790	1,215	1,170	950	924	97
NC	107	103	1,265	1,240	135	128	95
OH	351	347	1,120	1,020	393	354	90
PA	719	694	1,200	1,160	863	805	93
TN	199	196	910	920	181	180	99
TX	380	390	1,125	1,160	428	452	106
VT	176	166	1,140	1,165	201	193	96
VA	144	141	1,190	1,180	171	166	97
WA	221	225	1,495	1,535	330	345	105
WI	1,740	1,759	1,145	1,095	1,992	1,926	97
21 STATE:							
TOTAL	8,612	8,544	1,186	1,176	10,218	10,047	98

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/		
	1989	1990	1989	1990	1989	1990	1990 AS % OF 1989
	THOUSANDS		POUNDS		MILLION POUNDS		PERCENT
JAN	8,589	8,535	1,217	1,222	10,453	10,431	100
FEB	8,564		1,133		9,699		
MAR	8,540		1,268		10,825		
APR	8,524		1,255		10,696		
MAY	8,516		1,295		11,027		
JUN	8,504		1,214		10,327		
JUL	8,491		1,199		10,183		
AUG	8,508		1,184		10,074		
SEP	8,501		1,137		9,668		
OCT	8,510		1,161		9,878		
NOV	8,531		1,132		9,654		
DEC	8,544		1,176		10,047		
ANNUAL	8,527		14,370		122,531		

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

2/ EXCLUDES MILK SUCKED BY CALVES.

PRELIMINARY JANUARY 1990 MILK COWS AND MILK PRODUCTION, BY STATES

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
CA	1,096	1,116	1,380	1,460	1,512	1,629	108
FL	182	179	1,265	1,280	230	229	100
ID	170	169	1,280	1,300	218	220	101
IL	200	197	1,130	1,175	226	231	102
IN	167	159	1,165	1,195	195	190	97
IA	308	308	1,170	1,200	360	370	103
KY	212	209	935	865	198	181	91
MD	109	105	1,140	1,130	124	119	96
MI	343	344	1,280	1,265	439	435	99
MN	765	715	1,180	1,200	903	858	95
MO	233	227	1,070	1,095	249	249	100
NY	780	782	1,245	1,205	971	942	97
NC	106	103	1,300	1,300	138	134	97
OH	352	349	1,145	1,085	403	379	94
PA	715	692	1,240	1,185	887	820	92
TN	198	196	920	950	182	186	102
TX	381	392	1,180	1,210	450	474	105
VT	170	165	1,205	1,215	205	200	98
VA	144	141	1,215	1,205	175	170	97
WA	223	222	1,490	1,535	332	341	103
WI	1,735	1,765	1,185	1,175	2,056	2,074	101
21 STATE:							
TOTAL	8,589	8,535	1,217	1,222	10,453	10,431	100

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

2/ EXCLUDES MILK SUCKED BY CALVES.

MILK COWS AND MILK PRODUCTION UNITED STATES, 1982-89

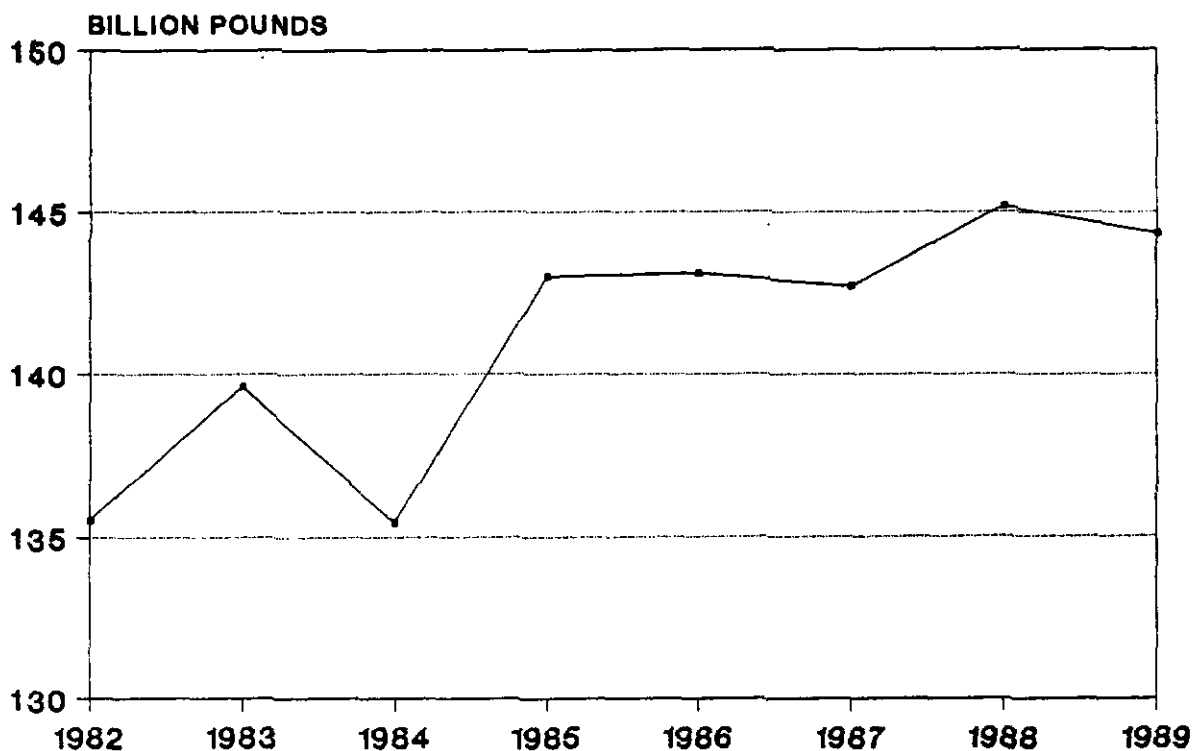
YEAR	MILK COWS 1/	PRODUCTION PER COW	MILK PRODUCTION
		2/	2/
		MILK	TOTAL
	THOUSANDS	POUNDS	MILLION POUNDS
1982	11,011	12,306	135,505
1983	11,059	12,622	139,588
1984	10,793	12,541	135,351
1985	10,981	13,024	143,012
1986	10,773	13,285	143,124
1987	10,327	13,819	142,709
1988 3/	10,262	14,145	145,152
1989 3/	10,127	14,244	144,252

1/ AVERAGE NUMBER DURING YEAR, EXCLUDING HELPERS NOT YET FRESH.

2/ EXCLUDES MILK SUCKED BY CALVES.

3/ REVISED.

MILK PRODUCTION
UNITED STATES, 1982-89



ANNUAL MILK COWS AND MILK PRODUCTION

STATE	MILK COWS 1/		MILK PER COW 2/		MILK PRODUCTION 2/		
	1988	1989	1988	1989	1988	1989	1989 AS % OF 1988
	THOUSANDS		POUNDS		MILLION POUNDS		PERCENT
AL	44	43	11,909	12,163	524	523	100
AK	2.1	1.6	14,619	14,563	30.7	23.3	76
AZ	89	91	16,854	16,736	1,500	1,523	102
AR	68	68	11,603	11,676	789	794	101
CA	1,083	1,104	17,181	17,530	18,607	19,353	104
CO	74	76	16,581	16,803	1,227	1,277	104
CT	36	34	15,028	15,412	541	524	97
DE	9.3	9.2	14,516	13,870	135.0	127.6	95
FL	182	181	12,912	13,519	2,350	2,447	104
GA	104	107	11,875	12,178	1,235	1,303	106
HI	12.0	11.8	13,333	13,051	160.0	154.0	96
ID	168	171	15,643	15,608	2,628	2,669	102
IL	206	197	13,617	13,924	2,805	2,743	98
IN	172	162	12,988	13,772	2,234	2,231	100
IA	307	309	13,160	13,599	4,040	4,202	104
KS	99	99	12,818	12,636	1,269	1,251	99
KY	212	212	10,976	10,684	2,327	2,265	97
LA	87	86	10,690	11,047	930	950	102
ME	46	43	14,000	14,163	644	609	95
MD	107	104	13,486	13,240	1,443	1,377	95
MA	33	31	13,970	14,387	461	446	97
MI	350	345	14,937	14,933	5,228	5,152	99
MN	783	734	13,299	13,771	10,413	10,108	97
MS	68	65	11,676	11,800	794	767	97
MO	230	228	13,043	13,048	3,000	2,975	99
MT	25	24	14,080	13,833	352	332	94
NE	105	105	12,990	12,952	1,364	1,360	100
NV	19.0	19.8	14,632	14,747	278.0	292.0	105
NH	22	20	13,818	14,650	304	293	96
NJ	30	28	13,200	13,000	396	364	92
NM	62	67	17,726	18,552	1,099	1,243	113
NY	794	776	14,413	14,358	11,444	11,142	97
NC	106	104	14,670	14,740	1,555	1,533	99
ND	92	86	11,543	11,977	1,062	1,030	97
OH	351	350	13,632	13,014	4,785	4,555	95
OK	101	100	11,683	12,320	1,180	1,232	104
OR	94	95	15,989	15,884	1,503	1,509	100
PA	717	698	14,232	14,324	10,204	9,998	98
RI	2.7	2.3	14,444	14,783	39.0	34.0	87
SC	38	37	12,553	12,514	477	463	97
SD	146	143	11,966	12,056	1,747	1,724	99
TN	197	196	11,234	11,184	2,213	2,192	99
TX	375	386	12,997	13,394	4,874	5,170	106
UT	77	76	15,156	15,395	1,167	1,170	100
VT	177	163	13,497	14,301	2,389	2,331	98
VA	145	143	13,883	13,923	2,013	1,991	99
WA	221	225	17,946	18,209	3,966	4,097	103
WV	27	25	11,148	11,160	301	279	93
WI	1,760	1,739	14,205	13,801	25,000	24,000	96
WY	10.0	10.1	12,500	12,277	125.0	124.0	99
U S 3/	10,262	10,127	14,145	14,244	145,152	144,252	99

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, 1988 1/

STATE	JAN	FEB	MAR	APR	MAY	JUN
THOUSANDS						
CA	1,072	1,074	1,076	1,078	1,080	1,082
FL	184	184	185	184	184	180
ID	162	165	165	165	166	168
IL	209	209	208	207	208	207
IN	176	175	172	172	172	172
IA	299	299	302	305	309	310
KY	214	213	213	213	212	212
MD	111	108	106	105	105	105
MI	357	355	354	352	352	351
MN	790	790	790	790	785	780
MO	231	230	229	229	229	228
NY	816	812	806	798	796	784
NC	105	105	106	106	106	106
OH	350	351	350	351	352	352
PA	724	720	715	712	713	715
TN	198	197	195	195	197	197
TX	371	371	372	375	375	377
VT	171	172	174	177	181	183
VA	148	148	147	146	145	144
WA	216	218	220	221	222	223
WI	1,785	1,781	1,775	1,772	1,768	1,764
21 STATES	8,689	8,677	8,660	8,653	8,657	8,640

SEE FOOTNOTES ON PAGE 7.

MILK COWS: NUMBER, BY MONTHS, BY STATES, 1988 1/ CONTINUED

STATE	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL AVERAGE 2/
THOUSANDS							
CA	1,084	1,086	1,088	1,090	1,092	1,094	1,083
FL	179	179	179	181	182	182	182
ID	170	170	170	170	171	170	168
IL	206	205	205	204	202	201	206
IN	172	171	172	170	168	167	172
IA	307	310	309	310	310	310	307
KY	212	212	212	211	210	211	212
MD	108	108	108	107	109	109	107
MI	350	348	347	345	345	345	350
MN	780	780	780	780	775	770	783
MO	227	226	228	231	233	234	230
NY	788	787	792	782	779	782	794
NC	106	106	107	107	107	107	106
OH	352	351	350	352	352	351	351
PA	715	717	720	719	716	719	717
TN	197	197	199	199	199	199	197
TX	377	376	376	377	377	380	375
VT	180	178	178	178	176	176	177
VA	145	145	144	144	144	144	145
WA	222	223	225	223	221	221	221
WI	1,755	1,748	1,746	1,743	1,741	1,740	1,760
21 STATES	8,632	8,623	8,635	8,623	8,609	8,612	8,643

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

2/ AVERAGE BASED ON MONTHLY TOTALS.

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	352	351	352	352	353	351
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	8,589	8,564	8,540	8,524	8,516	8,504

SEE FOOTNOTES ON PAGE 9.

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

STATE	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL AVERAGE
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	160	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	103	104
OH	350	349	349	349	349	347	350
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	8,491	8,508	8,501	8,510	8,531	8,544	8,527

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

2/ AVERAGE BASED ON MONTHLY TOTALS.

MILK: MILK PRODUCED PER COW, BY MONTHS, BY STATES, 1988 1/

STATE	JAN	FEB	MAR	APR	MAY	JUN
POUNDS						
CA	1,355	1,310	1,455	1,465	1,535	1,500
FL	1,185	1,165	1,225	1,165	1,150	1,040
ID	1,240	1,150	1,270	1,290	1,390	1,360
IL	1,085	1,085	1,165	1,175	1,200	1,160
IN	1,085	1,030	1,120	1,095	1,140	1,090
IA	1,050	1,075	1,095	1,110	1,120	1,095
KY	895	870	960	985	1,010	895
MD	1,080	1,075	1,180	1,170	1,200	1,150
MI	1,230	1,175	1,265	1,225	1,285	1,275
MN	1,145	1,105	1,190	1,160	1,200	1,140
MO	1,045	995	1,105	1,188	1,205	1,090
NY	1,185	1,130	1,250	1,230	1,285	1,275
NC	1,265	1,220	1,310	1,290	1,300	1,190
OH	1,125	1,075	1,170	1,160	1,225	1,165
PA	1,185	1,150	1,210	1,190	1,270	1,180
TN	920	895	970	1,000	995	950
TX	1,060	1,050	1,180	1,170	1,180	1,065
VT	1,200	1,120	1,200	1,145	1,175	1,115
VA	1,150	1,095	1,190	1,185	1,230	1,130
WA	1,480	1,400	1,510	1,495	1,570	1,510
WI	1,155	1,105	1,225	1,205	1,280	1,255
21 STATES	1,172	1,130	1,233	1,222	1,276	1,225

SEE FOOTNOTES ON PAGE 11.

MILK: MILK PRODUCED PER COW, BY MONTHS, BY STATES, 1988 1/ CONTINUED

STATE	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL AVERAGE
POUNDS							
CA	1,505	1,495	1,395	1,425	1,355	1,385	17,181
FL	980	930	895	990	1,030	1,160	12,912
ID	1,390	1,390	1,320	1,340	1,260	1,270	15,643
IL	1,155	1,150	1,125	1,130	1,070	1,115	13,617
IN	1,110	1,065	1,065	1,075	1,040	1,110	12,988
IA	1,125	1,105	1,075	1,080	1,115	1,125	13,160
KY	905	900	895	880	855	910	10,976
MD	1,050	1,055	1,110	1,160	1,110	1,100	13,486
MI	1,305	1,255	1,235	1,240	1,190	1,250	14,937
MN	1,100	1,045	1,005	1,040	1,035	1,140	13,299
MO	1,120	1,095	1,055	1,050	1,040	1,080	13,043
NY	1,225	1,175	1,145	1,170	1,135	1,215	14,413
NC	1,155	1,130	1,150	1,195	1,180	1,265	14,670
OH	1,155	1,120	1,110	1,115	1,085	1,120	13,632
PA	1,180	1,170	1,150	1,180	1,165	1,200	14,232
TN	930	915	905	925	905	910	11,234
TX	1,030	1,000	1,010	1,060	1,050	1,125	12,997
VT	1,190	1,085	1,075	1,090	1,065	1,140	13,497
VA	1,115	1,125	1,125	1,165	1,155	1,190	13,883
WA	1,560	1,535	1,470	1,470	1,430	1,495	17,946
WI	1,260	1,205	1,150	1,140	1,080	1,145	14,205
21 STATES	1,218	1,186	1,148	1,165	1,130	1,186	14,291

1/ EXCLUDES MILK SUCKED BY CALVES.

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	1,165	1,080	1,220	1,215	1,250	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	1,070	970	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	1,175	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	1,275	1,250	1,275	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	1,268	1,255	1,295	1,214

SEE FOOTNOTES ON PAGE 13.

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	1,430	1,415	17,530
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	1,125	1,080	1,125	1,100	1,150	13,772
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	1,095	1,070	1,035	1,060	1,045	1,085	13,048
NY	1,170	1,145	1,135	1,140	1,100	1,170	14,358
NC	1,135	1,135	1,130	1,185	1,165	1,240	14,740
OH	1,070	1,060	1,005	1,015	985	1,020	13,014
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	1,160	1,160	1,125	1,170	1,140	1,165	14,301
VA	1,090	1,135	1,105	1,150	1,140	1,180	13,923
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	1,199	1,184	1,137	1,161	1,132	1,176	14,370

1/ EXCLUDES MILK SUCKED BY CALVES.

MILK PRODUCTION: TOTAL, BY MONTHS, BY STATES, 1988 1/

STATE	JAN	FEB	MAR	APR	MAY	JUN
MILLION POUNDS						
CA	1,453	1,407	1,566	1,579	1,658	1,623
FL	218	214	227	214	212	187
ID	201	190	210	213	231	228
IL	227	227	242	243	250	240
IN	191	180	193	188	196	187
IA	314	321	331	339	346	339
KY	192	185	205	210	214	190
MD	120	116	125	123	126	121
MI	439	417	448	431	452	448
MN	905	873	940	916	942	889
MO	241	229	253	272	276	249
NY	967	918	1,008	982	1,023	1,000
NC	133	128	139	137	138	126
OH	394	377	410	407	431	410
PA	858	828	865	847	906	844
TN	182	176	189	195	196	187
TX	393	390	439	439	443	402
VT	205	193	209	203	213	204
VA	170	162	175	173	178	163
WA	320	305	332	330	349	337
WI	2,062	1,968	2,174	2,135	2,263	2,214
21 STATES	10,185	9,804	10,680	10,576	11,043	10,588

SEE FOOTNOTES ON PAGE 15.

MILK PRODUCTION: TOTAL, BY MONTHS, BY STATES, 1988 1/ CONTINUED

STATE	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL TOTAL
MILLION POUNDS							
CA	1,631	1,624	1,518	1,553	1,480	1,515	18,607
FL	175	166	160	179	187	211	2,350
ID	236	236	224	228	215	216	2,628
IL	238	236	231	231	216	224	2,805
IN	191	182	183	183	175	185	2,234
IA	345	343	332	335	346	349	4,040
KY	192	191	190	186	180	192	2,327
MD	113	114	120	124	121	120	1,443
MI	457	437	429	428	411	431	5,228
MN	858	815	784	811	802	878	10,413
MO	254	247	241	243	242	253	3,000
NY	965	925	907	915	884	950	11,444
NC	122	120	123	128	126	135	1,555
OH	407	393	389	392	382	393	4,785
PA	844	839	828	848	834	863	10,204
TN	183	180	180	184	180	181	2,213
TX	388	376	380	400	396	428	4,874
VT	196	193	191	194	187	201	2,389
VA	162	163	162	168	166	171	2,013
WA	346	342	331	328	316	330	3,966
WI	2,211	2,106	2,008	1,987	1,880	1,992	25,000
21 STATES	10,514	10,228	9,911	10,045	9,726	10,218	123,518

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	195	178	199	197	203	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	249	225	258	273	277	247
NY	971	891	1,008	987	1,006	937
NC	138	129	142	138	138	124
OH	403	370	414	408	431	381
PA	887	852	908	890	910	814
TN	182	176	190	196	193	183
TX	450	407	472	476	470	422
VT	205	187	207	203	205	191
VA	175	163	179	177	175	158
WA	332	303	341	342	361	349
WI	2,056	1,897	2,119	2,081	2,200	2,087
21 STATES	10,453	9,699	10,825	10,696	11,027	10,327

SEE FOOTNOTES ON PAGE 17.

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	1,576	19,353
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	180	173	180	176	184	2,231
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	246	241	233	241	238	247	2,975
NY	899	892	882	886	859	924	11,142
NC	117	117	118	123	121	128	1,533
OH	375	370	351	354	344	354	4,555
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	187	189	186	191	187	193	2,331
VA	155	161	157	163	162	166	1,991
WA	361	354	335	344	330	345	4,097
WI	2,042	1,995	1,874	1,901	1,822	1,926	24,000
21 STATES	10,183	10,074	9,668	9,878	9,654	10,047	122,531

1/ EXCLUDES MILK SUCKED BY CALVES.

MILK COWS AND MILK PRODUCTION: NUMBER AND TOTAL MILK PRODUCED
BY QUARTERS, BY STATES, 1988

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	45	44	44	44	143	140	112	129
AK	2.3	2.1	1.9	1.9	8.59	8.11	7.31	6.69
AZ	90	89	88	90	401	398	334	367
AR	68	68	68	68	202	204	189	194
CA	1,074	1,080	1,086	1,092	4,426	4,860	4,773	4,548
CO	74	74	74	75	294	310	316	307
CT	37	35	35	35	143	137	129	132
DE	9.2	9.2	9.3	9.3	35.0	34.5	33.2	32.3
FL	184	183	179	182	659	613	501	577
GA	102	104	104	104	335	318	272	310
HI	12.0	11.8	12.0	12.3	40.0	41.9	39.2	38.9
ID	164	166	170	170	601	672	696	659
IL	209	207	205	202	696	733	705	671
IN	174	172	172	168	564	571	556	543
IA	300	308	309	310	966	1,024	1,020	1,030
KS	99	99	99	99	313	324	315	317
KY	213	212	212	211	582	614	573	558
LA	86	88	87	88	251	245	212	222
ME	47	47	45	44	164	168	161	151
MD	108	105	108	108	361	370	347	365
MA	34	35	31	31	123	119	109	110
MI	355	352	348	345	1,304	1,331	1,323	1,270
MN	790	785	780	775	2,718	2,747	2,457	2,491
MS	68	67	67	68	214	213	178	189
MO	230	229	227	233	723	797	742	738
MT	25	25	25	25	84	90	91	87
NE	104	105	105	105	326	350	348	340
NV	19.0	19.0	19.0	19.0	66.8	71.4	70.6	69.2
NH	22	22	21	21	80	79	72	73
NJ	31	30	29	29	104	103	95	94
NM	60	61	63	63	258	288	281	272
NY	811	793	789	781	2,893	3,005	2,797	2,749
NC	105	106	106	107	400	401	365	389
ND	94	91	91	90	273	282	261	246
OH	350	352	351	352	1,181	1,248	1,189	1,167
OK	101	101	101	101	292	303	292	293
OR	94	94	94	94	361	395	384	363
PA	720	713	717	718	2,551	2,597	2,511	2,545
RI	2.8	2.8	2.6	2.5	10.3	10.3	9.3	9.1
SC	38	38	38	38	128	122	108	119
SD	147	147	146	145	431	465	439	412
TN	197	196	198	199	547	578	543	545
TX	371	376	376	378	1,222	1,284	1,144	1,224
UT	75	77	78	76	271	303	304	289
VT	172	180	179	177	607	620	580	582
VA	148	145	145	144	507	514	487	505
WA	218	222	223	222	957	1,016	1,019	974
WV	28	28	27	26	80	78	73	70
WI	1,780	1,768	1,750	1,741	6,204	6,612	6,325	5,859
WY	10.0	10.0	10.0	10.0	29.8	32.4	32.2	30.6
U S 3/	10,300	10,274	10,245	10,229	36,130	37,840	35,920	35,262

- 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, 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	125
AK	1.9	1.7	1.5	1.4	6.75	6.39	5.51	4.65
AZ	88	89	93	94	396	392	338	397
AR	68	68	68	69	201	207	191	195
CA	1,098	1,102	1,106	1,111	4,540	4,954	5,047	4,812
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	33.3	30.0	30.4
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	584	535	540
IA	308	309	309	309	1,062	1,057	1,026	1,057
KS	99	99	98	98	318	325	304	304
KY	212	213	211	212	590	602	534	539
LA	87	87	86	85	260	256	211	223
ME	43	44	43	41	155	156	151	147
MD	106	104	102	104	365	358	321	333
MA	31	31	30	31	118	115	105	108
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	732	797	720	726
MT	24	24	24	24	80	84	85	83
NE	105	105	105	105	326	350	348	336
NV	19.0	20.0	20.0	20.0	72.3	77.7	74.0	68.0
NH	21	20	19	18	78	74	70	71
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	2,673	2,669
NC	106	104	103	104	409	400	352	372
ND	87	86	84	85	255	274	256	245
OH	352	352	349	348	1,187	1,220	1,096	1,052
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	37	37	130	121	100	112
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	599	599	562	571
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/	10,164	10,116	10,101	10,127	36,445	37,702	35,188	34,917

- 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 1988-89 1/

STATE	OPERATIONS WITH MILK COWS 2/	
	1988	1989
	NUMBER	
ALA	1,300	1,300
ALAS	50	40
ARIZ	550	500
ARK	2,000	2,000
CALIF	4,700	4,700
COLO	1,800	1,700
CONN	600	500
DEL	180	180
FLA	1,200	1,200
GA	1,700	1,800
HAW	90	80
IDAHO	2,800	2,600
ILL	4,600	4,100
IND	5,700	5,300
IOWA	8,300	7,800
KANS	2,600	2,400
KY	7,100	7,000
LA	2,500	2,500
MAINE	1,200	1,000
MD	2,000	2,000
MASS	900	700
MICH	7,000	7,000
MINN	17,500	16,500
MISS	1,900	1,700
MO	9,000	8,500
MONT	2,200	2,000
NEBR	3,900	3,500
NEV	300	300
N H	600	500
N J	500	450
N MEX	1,200	1,200
N Y	14,200	13,500
N C	3,500	2,500
N DAK	2,500	2,500
OHIO	9,500	9,200
OKLA	3,800	3,600
OREG	2,500	2,200
PA	17,500	16,500
R I	70	60
S C	1,500	1,400
S DAK	4,000	3,900
TENN	5,600	5,000
TEX	6,200	6,000
UTAH	1,600	1,500
VT	3,000	2,800
VA	4,000	3,500
WASH	3,000	3,000
W VA	2,200	2,000
WIS	36,000	34,000
WYO	800	700
U S	217,440	204,910

1/ AN OPERATION IS ANY PLACE HAVING ONE OR MORE MILK COWS ON HAND DURING THE YEAR, EXCLUDING COWS USED TO NURSE CALVES. 2/ INCLUDED IN OPERATIONS WITH CATTLE.