

Milk Production



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January Milk Production

Milk production in the 21 major States during January totaled 10.7 billion pounds, virtually unchanged from production in these same States in January 1991. December revised production at 10.4 billion pounds was slightly below December 1990.

Production per cow in the 21 major States averaged 1,283 for January, 32 pounds more than January 1991.

The number of cows on farms in the 21 major States was 8.31 million head, 205 thousand head less than January 1991 and 17 thousand less than December 1991.

During the October-December period, the 21 major States produced 30.6 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 1992.

Special in this issue:

Revised and total milk cows, milk production and number of operations with milk cows for 1990 and 1991.

For information, call Daniel Buckner (202) 720-4448. Office hours are 8:00 a.m. to 4:30 p.m. ET.

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MILK COWS AND MILK PRODUCTION BY QUARTERS, UNITED STATES,

MONTH	MILK COWS <u>1/</u>		MILK PER COW <u>2/</u>		MILK PRODUCTION <u>2/</u>		1992 AS % OF 1991
	1991	1992	1991	1992	1991	1992	
	THOUSANDS		POUNDS		MILLION POUNDS		PERCENT
JAN-MAR	10,101		3,705		37,425		
APR-JUN	9,999		3,864		38,633		
JUL-SEP	9,940		3,648		36,265		
OCT-DEC	9,918		3,651		36,211		
ANNUAL	9,990		14,868		148,535		

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

2/ EXCLUDES MILK SUCKED BY CALVES.

REVISED DECEMBER 1991 MILK COWS AND MILK PRODUCTION, BY STATES

STATE	MILK COWS <u>1/</u>		MILK PER COW <u>2/</u>		MILK PRODUCTION <u>2/</u>		1992 AS % OF 1991
	1990	1991	1990	1991	1990	1991	
	THOUSANDS		POUNDS		MILLION POUNDS		PERCENT
CA	1,148	1,159	1,510	1,535	1,733	1,779	103
FL	185	179	1,210	1,240	224	222	99
ID	185	178	1,350	1,330	250	237	95
IL	195	189	1,180	1,230	230	232	101
IN	155	146	1,250	1,290	194	188	97
IA	302	302	1,130	1,090	341	329	96
KY	202	190	955	940	193	179	93
MD	106	102	1,140	1,170	121	119	98
MI	343	338	1,250	1,280	429	433	101
MN	695	675	1,200	1,210	834	817	98
MO	230	220	1,110	1,070	255	235	92
NY	775	755	1,195	1,240	926	936	101
NC	101	98	1,330	1,330	134	130	97
OH	341	330	1,120	1,160	382	383	100
PA	686	673	1,240	1,275	851	858	101
TN	196	196	920	910	180	178	99
TX	390	375	1,240	1,240	484	465	96
VT	164	163	1,220	1,270	200	207	104
VA	141	140	1,260	1,265	178	177	99
WA	241	238	1,525	1,590	362	378	104
WI	1,765	1,676	1,115	1,155	1,968	1,936	98
21 STATE:							
TOTAL	8,546	8,322	1,225	1,252	10,469	10,418	100

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/		
	1991	1992	1991	1992	1991	1992	1992 AS % OF 1991
	-- THOUSANDS --		---- POUNDS ----		- MILLION POUNDS -		PERCENT
JAN	8,510	8,305	1,251	1,283	10,645	10,659	100
FEB	8,484		1,169		9,922		
MAR	8,460		1,310		11,084		
APR	8,416		1,297		10,918		
MAY	8,396		1,339		11,240		
JUN	8,377		1,261		10,567		
JUL	8,353		1,254		10,472		
AUG	8,357		1,239		10,352		
SEP	8,350		1,189		9,927		
OCT	8,346		1,224		10,212		
NOV	8,329		1,192		9,926		
DEC	8,322		1,252		10,418		
ANNUAL	8,392		14,977		125,683		

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

2/ EXCLUDES MILK SUCKED BY CALVES.

PRELIMINARY JANUARY 1992 MILK COWS AND MILK PRODUCTION, BY STATES

STATE	MILK COWS 1/		MILK PER COW 2/		MILK PRODUCTION 2/		
	1991	1992	1991	1992	1991	1992	1992 AS % OF 1991
	-- THOUSANDS --		---- POUNDS ----		MILLION POUNDS		PERCENT
CA	1,150	1,160	1,540	1,540	1,771	1,786	101
FL	184	180	1,320	1,340	243	241	99
ID	182	177	1,300	1,330	237	235	99
IL	193	187	1,220	1,250	235	234	100
IN	153	146	1,270	1,320	194	193	99
IA	302	302	1,170	1,160	353	350	99
KY	200	187	975	980	195	183	94
MD	108	100	1,120	1,200	121	120	99
MI	344	338	1,285	1,330	442	450	102
MN	690	675	1,260	1,275	869	861	99
MO	230	220	1,065	1,075	245	237	97
NY	768	750	1,230	1,270	945	953	101
NC	101	98	1,380	1,375	139	135	97
OH	340	330	1,165	1,200	396	396	100
PA	682	673	1,225	1,290	835	868	104
TN	194	196	900	900	175	176	101
TX	388	376	1,240	1,290	481	485	101
VT	164	162	1,250	1,310	205	212	103
VA	141	140	1,275	1,295	180	181	101
WA	239	240	1,520	1,610	363	386	106
WI	1,757	1,668	1,150	1,185	2,021	1,977	98
21 STATE TOTAL	8,510	8,305	1,251	1,283	10,645	10,659	100

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

2/ EXCLUDES MILK SUCKED BY CALVES.

MILK COWS AND MILK PRODUCTION UNITED STATES, 1984-91

YEAR	MILK COWS <u>1/</u>	PRODUCTION PER COW <u>2/</u>		MILK PRODUCTION
		MILK		TOTAL
	THOUSANDS	POUNDS		MILLION POUNDS
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	10,126	14,245		144,239
1990 <u>3/</u>	10,127	14,646		148,319
1991 <u>3/</u>	9,990	14,868		148,535

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 <u>1/</u>		MILK PER COW <u>2/</u>		MILK PRODUCTION <u>2/</u>		1991 AS % OF 1990
	1990	1991	1990	1991	1990	1991	
	THOUSANDS		POUNDS		MILLION POUNDS		PERCENT
JAN	8,536	8,510	1,218	1,251	10,399	10,645	102
FEB	8,523	8,484	1,141	1,169	9,728	9,922	102
MAR	8,500	8,460	1,294	1,310	10,995	11,084	101
JAN-MAR	10,128	10,101	3,630	3,705	36,762	37,425	102
APR	8,495	8,416	1,274	1,297	10,824	10,918	101
MAY	8,494	8,396	1,325	1,339	11,254	11,240	100
JUN	8,493	8,377	1,263	1,261	10,727	10,567	99
APR-JUN	10,109	9,999	3,822	3,864	38,640	38,633	100
JUL	8,484	8,353	1,259	1,254	10,681	10,472	98
AUG	8,499	8,357	1,232	1,239	10,469	10,352	99
SEP	8,516	8,350	1,172	1,189	9,980	9,927	99
JUL-SEP	10,118	9,940	3,618	3,648	36,611	36,265	99
OCT	8,516	8,346	1,202	1,224	10,236	10,212	100
NOV	8,540	8,329	1,172	1,192	10,010	9,926	99
DEC	8,546	8,322	1,225	1,252	10,469	10,418	100
OCT-DEC	10,151	9,918	3,577	3,651	36,307	36,211	100
ANNUAL	10,127	9,990	14,646	14,868	148,319	148,535	100

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/		
	1990	1991	1990	1991	1990	1991	1991 AS % OF 1990
	-- THOUSANDS --		---- POUNDS ----		MILLION POUNDS		PERCENT
AL	42	41	12,214	12,707	513	521	102
AK	1.2	1.0	14,000	13,300	16.8	13.3	79
AZ	94	95	17,500	18,032	1,645	1,713	104
AR	69	68	11,841	12,015	817	817	100
CA	1,135	1,155	18,456	18,623	20,947	21,509	103
CO	77	77	17,182	17,338	1,323	1,335	101
CT	33	33	15,606	15,879	515	524	102
DE	8.9	9.2	13,820	15,217	123.0	140.0	114
FL	180	180	14,033	13,933	2,526	2,508	99
GA	111	107	12,973	13,523	1,440	1,447	100
HI	11.1	10.8	13,972	13,056	150.9	141.0	93
ID	179	178	16,475	16,416	2,949	2,922	99
IL	195	191	14,462	14,717	2,820	2,811	100
IN	156	148	14,590	15,419	2,276	2,282	100
IA	305	303	13,879	13,700	4,233	4,151	98
KS	99	97	12,576	12,680	1,245	1,230	99
KY	206	195	10,947	11,231	2,255	2,190	97
LA	81	80	11,605	11,675	940	934	99
ME	42	42	14,619	14,786	614	621	101
MD	103	104	13,330	13,548	1,373	1,409	103
MA	31	31	14,871	15,000	461	465	101
MI	344	341	15,212	15,413	5,233	5,256	100
MN	710	683	14,127	14,307	10,030	9,772	97
MS	62	61	12,081	12,098	749	738	99
MO	230	226	13,217	12,677	3,040	2,865	94
MT	24	24	13,542	14,208	325	341	105
NE	104	100	12,933	12,800	1,345	1,280	95
NV	20.0	19.3	16,400	17,461	328.0	337.0	103
NH	20	20	15,100	15,850	302	317	105
NJ	26	25	13,538	13,960	352	349	99
NM	81	94	18,815	20,394	1,524	1,917	126
NY	768	756	14,410	14,675	11,067	11,094	100
NC	100	99	15,220	15,424	1,522	1,527	100
ND	88	82	12,477	12,622	1,098	1,035	94
OH	342	337	13,649	13,932	4,668	4,695	101
OK	101	99	12,327	12,354	1,245	1,223	98
OR	99	100	16,273	16,590	1,611	1,659	103
PA	683	669	14,543	15,106	9,933	10,106	102
RI	2.2	2.3	15,455	14,783	34.0	34.0	100
SC	35	33	12,771	12,273	447	405	91
SD	140	136	12,257	12,309	1,716	1,674	98
TN	196	194	11,209	11,263	2,197	2,185	99
TX	386	380	14,350	14,258	5,539	5,418	98
UT	80	79	15,838	15,975	1,267	1,262	100
VT	163	164	14,528	14,713	2,368	2,413	102
VA	141	140	14,213	14,614	2,004	2,046	102
WA	237	237	18,532	18,814	4,392	4,459	102
WV	24	23	11,250	11,739	270	270	100
WI	1,753	1,714	13,919	14,040	24,400	24,065	99
WY	10.1	8.7	12,337	12,563	124.6	109.3	88
US 3/	10,127	9,990	14,646	14,868	148,319	148,535	100

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, 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	306	306	305
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	8,495	8,494	8,493

SEE FOOTNOTES ON PAGE 7.

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

STATE	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL AVERAGE <u>2</u> /
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	304	302	302	302	302	302	305
KY	207	207	205	202	203	202	206
MD	101	102	103	104	105	106	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	8,484	8,499	8,516	8,516	8,540	8,546	8,512

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

2/ AVERAGE BASED ON MONTHLY TOTALS.

MILK COWS: NUMBER, BY MONTHS, BY STATES, 1991 1/

STATE	JAN	FEB	MAR	APR	MAY	JUN
	THOUSANDS					
CA	1,150	1,152	1,153	1,154	1,155	1,156
FL	184	184	185	182	181	178
ID	182	179	176	176	177	178
IL	193	195	193	193	193	191
IN	153	151	149	150	150	148
IA	302	302	302	302	303	303
KY	200	200	197	197	195	195
MD	108	105	105	103	103	103
MI	344	343	343	343	343	342
MN	690	690	690	685	685	680
MO	230	229	229	229	228	227
NY	768	768	765	755	751	749
NC	101	100	100	100	99	98
OH	340	339	338	337	337	337
TN	682	679	676	667	659	659
TX	194	194	194	193	194	192
	388	387	386	384	383	382
VT	164	164	165	163	164	163
VA	141	140	140	139	139	139
WA	239	236	236	235	235	237
WI	1,757	1,747	1,738	1,729	1,722	1,715
21 STATES	8,510	8,484	8,460	8,416	8,396	8,372

SEE FOOTNOTES ON PAGE 9.

MILK COWS: NUMBER, BY MONTHS, BY STATES, 1991 1/ CONTINUED

STATE	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL AVERAGE <u>2/</u>
THOUSANDS							
CA	1,156	1,156	1,156	1,157	1,158	1,159	1,155
FL	178	178	176	177	176	179	180
ID	178	178	178	178	178	178	178
IL	191	191	188	188	187	189	191
IN	146	146	145	144	144	146	148
IA	305	305	303	303	303	302	303
KY	193	193	192	191	191	190	195
MD	101	101	103	104	104	102	104
MI	340	340	340	340	340	338	341
MN	680	680	680	680	675	675	683
MO	226	225	224	224	220	220	226
NY	746	753	755	755	756	755	756
NC	97	97	97	98	98	98	99
OH	337	336	336	336	335	330	337
PA	658	664	670	672	670	673	669
TN	193	194	195	196	197	196	194
TX	379	377	375	374	374	375	380
VT	163	165	165	164	164	163	164
VA	139	139	139	140	140	140	140
WA	238	237	236	235	236	238	237
WI	1,709	1,703	1,697	1,690	1,683	1,676	1,714
21 STATES	8,353	8,357	8,350	8,346	8,329	8,322	8,392

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

2/ AVERAGE BASED ON MONTHLY TOTALS.

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	1,180	1,170	1,190	1,160	1,180	1,150
KY	885	840	960	965	980	895
MD	1,105	1,050	1,205	1,155	1,185	1,100
MI	1,265	1,175	1,300	1,270	1,315	1,285
MN	1,220	1,135	1,280	1,250	1,285	1,220
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	1,115	1,045	1,195	1,165	1,265	1,175
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	1,218	1,141	1,294	1,274	1,325	1,263

SEE FOOTNOTES ON PAGE 11.

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	1,510	18,456
FL	1,090	1,010	965	1,060	1,120	1,210	14,033
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	1,180	1,160	1,130	1,150	1,120	1,130	13,879
KY	885	885	875	910	895	955	10,947
MD	1,090	1,080	1,040	1,085	1,075	1,140	13,330
MI	1,330	1,325	1,240	1,245	1,200	1,250	15,212
MN	1,160	1,110	1,045	1,100	1,105	1,200	14,127
MO	1,070	1,070	1,015	1,070	1,065	1,110	13,217
NY	1,240	1,190	1,150	1,165	1,120	1,195	14,410
NC	1,210	1,200	1,190	1,270	1,270	1,330	15,220
OH	1,170	1,150	1,080	1,110	1,070	1,120	13,649
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	18,532
WI	1,220	1,185	1,105	1,110	1,065	1,115	13,919
21 STATES	1,259	1,232	1,172	1,202	1,172	1,225	14,776

1/ EXCLUDES MILK SUCKED BY CALVES.

MILK: MILK PRODUCED PER COW, BY MONTHS, BY STATES, 1991 1/

STATE	JAN	FEB	MAR	APR	MAY	JUN
	POUNDS					
CA	1,540	1,435	1,600	1,565	1,635	1,570
FL	1,320	1,230	1,340	1,295	1,250	1,130
ID	1,300	1,180	1,350	1,350	1,430	1,420
IL	1,220	1,160	1,285	1,270	1,280	1,220
IN	1,270	1,185	1,365	1,355	1,415	1,290
IA	1,170	1,150	1,205	1,160	1,165	1,140
KY	975	880	1,005	1,030	1,030	900
MD	1,120	1,075	1,210	1,200	1,230	1,100
MI	1,285	1,195	1,320	1,290	1,330	1,300
MN	1,260	1,170	1,305	1,275	1,300	1,210
MO	1,065	975	1,120	1,165	1,160	1,040
NY	1,230	1,120	1,270	1,270	1,330	1,260
NC	1,380	1,280	1,420	1,390	1,365	1,210
OH	1,165	1,100	1,215	1,220	1,280	1,170
PA	1,225	1,190	1,310	1,310	1,345	1,270
TN	900	890	970	1,020	1,010	950
TX	1,240	1,170	1,345	1,310	1,295	1,160
VT	1,250	1,145	1,265	1,255	1,305	1,245
VA	1,275	1,185	1,305	1,300	1,290	1,165
WA	1,520	1,410	1,580	1,575	1,660	1,590
WI	1,150	1,070	1,220	1,210	1,275	1,210
21 STATES	1,251	1,169	1,310	1,297	1,339	1,261

SEE FOOTNOTES ON PAGE 13.

MILK: MILK PRODUCED PER COW, BY MONTHS, BY STATES, 1991 1/ CONTINUED

STATE	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL AVERAGE
	POUNDS						
CA	1,595	1,605	1,510	1,535	1,495	1,535	18,623
FL	1,050	990	940	1,040	1,100	1,240	13,933
ID	1,480	1,480	1,400	1,380	1,300	1,330	16,416
IL	1,215	1,230	1,190	1,230	1,190	1,230	14,717
IN	1,275	1,270	1,290	1,290	1,250	1,290	15,419
IA	1,130	1,110	1,110	1,150	1,130	1,090	13,700
KY	900	905	875	920	885	940	11,231
MD	1,120	1,130	1,160	1,105	1,095	1,170	13,548
MI	1,330	1,310	1,265	1,275	1,220	1,280	15,413
MN	1,155	1,115	1,070	1,125	1,120	1,210	14,307
MO	1,030	1,015	970	1,045	1,025	1,070	12,677
NY	1,235	1,210	1,170	1,180	1,155	1,240	14,675
NC	1,200	1,190	1,195	1,270	1,270	1,330	15,424
OH	1,165	1,160	1,095	1,130	1,090	1,160	13,932
PA	1,250	1,230	1,200	1,260	1,240	1,275	15,106
TN	930	930	920	930	890	910	11,263
TX	1,105	1,065	1,040	1,135	1,130	1,240	14,258
VT	1,215	1,200	1,170	1,205	1,190	1,270	14,713
VA	1,150	1,175	1,145	1,205	1,195	1,265	14,614
WA	1,635	1,620	1,560	1,590	1,525	1,590	18,814
WI	1,205	1,185	1,130	1,140	1,090	1,155	14,040
21 STATES	1,254	1,239	1,189	1,224	1,192	1,252	14,977

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	363	360	367	355	361	351
KY	185	175	200	202	204	185
MD	116	109	124	118	121	111
MI	435	404	447	438	454	443
MN	872	817	922	900	925	872
MO	254	233	269	275	282	253
NY	927	855	969	950	989	955
NC	129	121	134	131	134	124
OH	386	361	411	398	430	402
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	10,399	9,728	10,995	10,824	11,254	10,727

SEE FOOTNOTES ON PAGE 15.

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	1,733	20,947
FL	194	180	173	189	204	224	2,526
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	359	350	341	347	338	341	4,233
KY	183	183	179	184	182	193	2,255
MD	110	110	107	113	113	121	1,373
MI	459	457	428	427	412	429	5,233
MN	824	783	737	770	774	834	10,030
MO	247	247	233	247	245	255	3,040
NY	936	910	887	894	869	926	11,067
NC	121	120	119	127	128	134	1,522
OH	398	392	367	377	364	382	4,668
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	362	4,392
WI	2,135	2,074	1,938	1,952	1,873	1,968	24,400
21 STATES	10,681	10,469	9,980	10,236	10,010	10,469	125,772

1/ EXCLUDES MILK SUCKED BY CALVES.

MILK PRODUCTION: TOTAL, BY MONTHS, BY STATES, 1991 1/

STATE	JAN	FEB	MAR	APR	MAY	JUN
	MILLION POUNDS					
CA	1,771	1,653	1,845	1,806	1,888	1,815
FL	243	226	248	236	226	201
ID	237	211	238	238	253	253
IL	235	226	248	245	247	233
IN	194	179	203	203	212	191
IA	353	347	364	350	353	345
KY	195	176	198	203	201	176
MD	121	113	127	124	127	113
MI	442	410	453	442	456	445
MN	869	807	900	873	891	823
MO	245	223	257	267	264	236
NY	945	860	972	959	999	944
NC	139	128	142	139	135	119
OH	396	373	411	411	431	394
PA	835	808	886	874	886	837
TN	175	173	188	197	196	182
TX	481	453	519	503	496	443
VT	205	188	209	205	214	203
VA	180	166	183	181	179	162
WA	363	333	373	370	390	377
WI	2,021	1,869	2,120	2,092	2,196	2,075
21 STATES	10,645	9,922	11,084	10,918	11,240	10,567

SEE FOOTNOTES ON PAGE 17.

MILK PRODUCTION: TOTAL, BY MONTHS, BY STATES, 1991 1/ CONTINUED

STATE	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL TOTAL
MILLION POUNDS							
CA	1,844	1,855	1,746	1,776	1,731	1,779	21,509
FL	187	176	165	184	194	222	2,508
ID	263	263	249	246	231	237	2,919
IL	232	235	224	231	223	232	2,811
IN	186	186	177	186	180	188	2,285
IA	345	339	336	348	342	329	4,151
KY	174	175	168	176	169	179	2,190
MD	113	114	109	115	114	119	1,409
MI	452	445	430	434	414	433	5,256
MN	785	758	728	765	756	817	9,772
MO	233	228	217	235	225	235	2,865
NY	921	911	883	891	873	936	11,094
NC	116	115	116	124	124	130	1,527
OH	393	390	368	380	365	383	4,695
PA	823	817	804	847	831	858	10,106
TN	180	180	179	182	175	178	2,185
TX	419	402	390	424	423	465	5,418
VT	198	198	193	198	195	207	2,413
VA	160	163	159	169	167	177	2,046
WA	389	384	368	374	360	378	4,459
WI	2,059	2,018	1,918	1,927	1,834	1,936	24,065
21 STATES	10,472	10,352	9,927	10,212	9,926	10,418	125,683

1/ EXCLUDES MILK SUCKED BY CALVES.

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

STATE	MILK COWS <u>1/</u>				MILK PRODUCTION <u>2/</u>			
	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	138	134	112	129
AK	1.3	1.1	1.1	1.1	4.35	4.40	4.24	3.81
AZ	92	94	95	96	439	432	360	414
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	33.1	31.6	28.2	30.1
FL	179	180	178	182	694	668	547	617
GA	110	110	112	113	381	366	321	372
HI	11.3	11.1	10.9	10.9	38.8	40.0	37.1	35.1
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	306	303	302	1,090	1,067	1,050	1,026
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	349	350	327	347
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	2,697	2,344	2,378
MS	63	62	61	62	199	203	168	179
MO	227	231	231	230	756	810	727	747
MT	24	24	24	24	78	83	82	82
NE	104	104	104	103	325	348	341	331
NV	20.0	20.0	20.0	20.0	80.0	85.8	82.4	79.8
NH	20	20	20	20	78	76	72	76
NJ	26	26	26	25	91	92	83	86
NM	72	79	85	87	339	398	395	392
NY	775	762	764	773	2,751	2,894	2,733	2,689
NC	99	100	100	101	384	389	360	389
ND	89	89	87	85	276	289	274	259
OH	345	341	340	340	1,158	1,230	1,157	1,123
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	35	122	114	99	112
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	1,081
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	31.6
US <u>3/</u>	10,128	10,109	10,118	10,151	36,761	38,640	36,611	36,307

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, 1991

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	42	41	40	42	148	137	107	129
AK	1.1	1.0	0.9	0.8	3.65	3.71	3.11	2.83
AZ	96	94	93	95	445	442	385	441
AR	68	68	68	68	207	211	198	201
CA	1,152	1,155	1,156	1,158	5,269	5,509	5,445	5,286
CO	77	78	77	77	325	345	333	332
CT	33	33	33	33	133	134	127	130
DE	9.1	9.2	9.2	9.4	34.9	33.4	39.4	32.3
FL	184	180	177	177	717	663	528	600
GA	112	108	104	104	412	372	302	361
HI	11.0	10.9	10.8	10.5	35.7	37.8	34.8	32.7
ID	179	177	178	178	686	747	775	714
IL	194	192	190	188	709	725	691	686
IN	151	149	145	145	576	606	546	554
IA	302	303	304	303	1,064	1,048	1,020	1,019
KS	98	98	97	96	315	315	295	305
KY	199	196	193	191	569	580	517	524
LA	81	80	79	79	265	245	200	224
ME	41	42	42	41	153	159	156	153
MD	106	103	102	103	361	364	336	348
MA	31	31	30	30	120	120	112	113
MI	343	343	340	339	1,305	1,343	1,327	1,281
MN	690	685	680	677	2,576	2,587	2,271	2,338
MS	63	62	60	60	207	197	159	175
MO	229	228	225	221	725	767	678	695
MT	24	24	24	24	84	87	87	83
NE	102	100	99	99	319	325	320	316
NV	20.0	19.0	19.0	19.0	80.0	88.0	87.0	82.0
NH	20	20	20	21	79	80	77	81
NJ	25	25	25	25	91	91	81	86
NM	93	94	95	95	422	493	500	502
NY	767	752	751	755	2,777	2,902	2,715	2,700
NC	100	99	97	98	409	393	347	378
ND	85	84	81	79	264	275	255	241
OH	339	337	336	334	1,180	1,236	1,151	1,128
OK	99	98	99	99	307	308	304	304
OR	100	100	100	100	391	430	429	409
PA	679	662	664	672	2,529	2,597	2,444	2,536
RI	2.3	2.3	2.2	2.2	8.8	9.0	8.1	8.1
SC	34	32	31	33	114	102	87	102
SD	137	137	136	134	416	444	409	405
TN	194	193	194	196	536	575	539	535
TX	387	383	377	374	1,453	1,442	1,211	1,312
UT	79	80	80	78	298	325	327	312
VT	164	163	164	164	602	622	589	600
VA	140	139	139	140	529	522	482	513
WA	237	236	237	236	1,069	1,137	1,141	1,112
WV	24	23	23	23	68	69	67	66
WI	1,747	1,722	1,703	1,683	6,010	6,363	5,995	5,697
WY	9.0	8.6	8.6	8.5	27.9	27.5	27.5	26.4
US ^{3/}	10,101	9,999	9,940	9,918	37,425	38,633	36,265	36,211

^{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 1990-91 1/

STATE	OPERATIONS WITH MILK COWS 2/	
	1990	1991
	NUMBER	
AL	1,200	1,200
AK	40	30
AZ	500	500
AR	2,000	2,000
CA	4,500	4,200
CO	1,700	1,600
CT	500	500
DE	160	160
FL	1,200	1,000
GA	1,500	1,400
HI	80	80
ID	2,200	1,900
IL	3,700	3,000
IN	5,000	4,800
IA	7,800	7,000
KS	2,400	2,300
KY	6,500	5,500
LA	2,100	1,800
ME	1,000	900
MD	1,800	1,600
MA	700	700
MI	6,500	6,000
MN	15,500	15,000
MS	1,500	1,300
MO	8,000	7,500
MT	1,900	1,800
NE	3,300	3,200
NV	300	300
NH	400	400
NJ	450	450
NM	1,200	1,300
NY	13,000	12,200
NC	2,000	1,500
ND	2,300	2,100
OH	9,000	8,900
OK	3,400	3,000
OR	2,100	1,900
PA	15,500	14,500
RI	50	50
SC	1,200	800
SD	3,600	3,300
TN	4,500	4,000
TX	5,700	5,300
UT	1,500	1,400
VT	2,700	2,600
VA	3,000	3,000
WA	3,000	3,000
WV	2,000	2,000
WI	33,000	32,000
WY	700	600
US	193,880	181,570

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.

Survey Procedures: Primary data used to determine these estimates were obtained from a sample of producers. Individual States maintain a list of all known milk producers and information on the size of their herd. States use all known sources of producers to insure that their lists are as complete as possible. About 20,000 producers are sampled in January and data are collected from about 10,000 respondents. There are about 7,300 respondents in each of the remaining quarters. Generally, all larger producers and a sample of smaller producers are included in the survey. Questionnaires are mailed to producers near the end of the month to obtain data for the first day of the month, January 1, February 1, etc. Toward the end of the data collection period, statisticians review mail returns to insure that each size group obtain adequate representation. If additional reports are needed in some size groups, statisticians obtain these by telephone.

Estimation Procedures: Each state statistician prepares their estimate by plotting survey averages on time series charts. The individual state estimates are reviewed by the Agricultural Statistics Board for reasonableness.

Revision Policy: Milk production, rate per cow, and number of cows are subject to revision the following month for monthly States or the following quarter for the quarterly States. Normally, Federal Market Order sales are the main reason for revisions, however not all orders have data available in time for this revision. A second revision is made in February each year based on additional data. In the event that some additional changes are necessary a third revision is made in February the following year. Estimates are again reviewed after data for the five year Census of Agriculture conducted by the Department of Commerce are available.

Reliability: Since all operations with dairy animals are not included in the sample, estimates are subject to sampling variability. Survey data are subject to non-sampling errors such as omissions, duplications, mistakes in reporting, recording, and processing the data. These errors cannot be measured directly but they are minimized through a careful review of all reported data for consistency and reasonableness. Generally the original estimates are within one half percent of the final estimate.

The next "Milk Production" report will be released at 3:00 p.m. ET on March 16, 1992.

