

# Milk Production



National  
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Statistics  
Service

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Department of  
Agriculture

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## February Milk Production

Milk production in the 21 major States during February totaled 10.2 billion pounds, 3 percent above the production in these same States in February 1991. January revised production at 10.7 billion pounds was slightly above January 1991.

Production per cow in the 21 major States averaged 1,230 for February, 61 pounds more than February 1991. February 1992 was a leap year with 29 days.

The number of cows on farms in the 21 major States was 8.27 million head, 214 thousand head less than February 1991 and 26 thousand less than January 1992.

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 12.0 billion pounds for February 1992.

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For additional information, call Daniel Buckner 202-720-4448. Office hours are 7:30 a.m. to 4:00 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		3,647		36,255		
Oct-Dec	9,918		3,651		36,212		
Annual	9,990		14,867		148,525		

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

2/ Excludes milk sucked by calves.

Revised January 1992 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
	1991	1992	1991	1992	1991	1992	
	-- 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	1,350	237	239	101
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	670	1,260	1,275	869	854	98
MO	230	220	1,065	1,100	245	242	99
NY	768	750	1,230	1,295	945	971	103
NC	101	98	1,380	1,375	139	135	97
OH	340	330	1,165	1,200	396	396	100
PA	682	669	1,225	1,310	835	876	105
TN	194	196	900	900	175	176	101
TX	388	375	1,240	1,280	481	480	100
VT	164	162	1,250	1,315	205	213	104
VA	141	140	1,275	1,295	180	181	101
WA	239	241	1,520	1,605	363	387	107
WI	1,757	1,668	1,150	1,185	2,021	1,977	98
21 State:							
Total	8,510	8,296	1,251	1,288	10,645	10,684	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/		1992 as % of 1991
	1991	1992	1991	1992	1991	1992	
	-- Thousands --		---- Pounds ----		Million Pounds		Percent
Jan	8,510	8,296	1,251	1,288	10,645	10,684	100
Feb	8,484	8,270	1,169	1,230	9,922	10,171	103
Mar	8,460		1,310		11,084		
Apr	8,416		1,297		10,918		
May	8,396		1,339		11,240		
Jun	8,377		1,262		10,570		
Jul	8,353		1,254		10,472		
Aug	8,357		1,238		10,349		
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 February 1992 Milk Cows and Milk Production, by States

Month	Milk Cows 1/		Milk Per Cow 2/		Milk Production 2/		1992 as % of 1991
	1991	1992	1991	1992	1991	1992	
	-- Thousands --		--- Pounds ---		Million Pounds		Percent
CA	1,152	1,160	1,435	1,440	1,653	1,670	101
FL	184	182	1,230	1,260	226	229	101
ID	179	176	1,180	1,300	211	229	109
IL	195	187	1,160	1,160	226	217	96
IN	151	144	1,185	1,280	179	184	103
IA	302	302	1,150	1,170	347	353	102
KY	200	183	880	940	176	172	98
MD	105	99	1,075	1,130	113	112	99
MI	343	338	1,195	1,270	410	429	105
MN	690	670	1,170	1,220	807	817	101
MO	229	220	975	1,060	223	233	104
NY	768	745	1,120	1,210	860	901	105
NC	100	97	1,280	1,295	128	126	98
OH	339	330	1,100	1,140	373	376	101
PA	679	665	1,190	1,290	808	858	106
TN	194	195	890	900	173	176	102
TX	387	375	1,170	1,210	453	454	100
VT	164	163	1,145	1,240	188	202	107
VA	140	139	1,185	1,235	166	172	104
WA	236	241	1,410	1,535	333	370	111
WI	1,747	1,659	1,070	1,140	1,869	1,891	101
21 State:							
Total	8,484	8,270	1,169	1,230	9,922	10,171	103

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

2/ Excludes milk sucked by calves.

**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 expansions and 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 check 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 April 16, 1992.