

# Milk Production



National  
Agricultural  
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Service

United States  
Department of  
Agriculture

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## May Milk Production

Milk production in the 21 major States during May totaled 11.2 billion pounds, slightly lower than production in these same States in May 1991. April revised production at 10.9 billion pounds was slightly less than April 1991.

Production per cow in the 21 major States averaged 1,360 pounds for May, 21 pounds more than May 1991.

The number of cows on farms in the 21 major States was 8.25 million head, 142,000 head less than May 1991 and the same as April 1992.

During the January-March period, the 21 major States produced 32.0 billion pounds of milk, 84.4 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 13.3 billion pounds for May 1992.

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Milk Cows and Production: By Quarters, United States, 1991-92

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	
	----- 1,000 -----		---- Pounds ----		Million Pounds		Percent
Jan-Mar	10,101	9,855	3,705	3,850	37,425	37,944	101
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		148,526		

1/ Includes Dry Cows. Excludes Heifers not Yet Fresh.

2/ Excludes Milk Sucked by Calves.

Milk Cows and Production: By States, April 1991-92 1/

State	Milk Cows <u>2/</u>		Milk per Cow <u>3/</u>		Milk Production <u>3/</u>		: 1992 as :% of 1991
	1991	1992	1991	1992	1991	1992	
	----- 1,000 -----		--- Pounds ---		Million Pounds		Percent
CA	1,154	1,158	1,565	1,589	1,806	1,840	102
FL	182	182	1,295	1,315	236	239	101
ID	176	177	1,350	1,420	238	251	105
IL	193	185	1,270	1,170	245	216	88
IN	150	143	1,355	1,360	203	194	96
IA	302	306	1,160	1,150	350	352	101
KY	197	182	1,030	1,020	203	186	92
MD	103	98	1,200	1,225	124	120	97
MI	343	338	1,290	1,310	442	443	100
MN	685	660	1,275	1,280	873	845	97
MO	229	225	1,165	1,170	267	263	99
NY	755	743	1,270	1,330	959	988	103
NC	100	97	1,390	1,350	139	131	94
OH	337	330	1,220	1,220	411	403	98
PA	667	656	1,310	1,370	874	899	103
TN	193	197	1,020	990	197	195	99
TX	384	376	1,310	1,330	503	500	99
VT	163	164	1,255	1,300	205	213	104
VA	139	137	1,300	1,285	181	176	97
WA	235	244	1,575	1,640	370	400	108
WI	1,729	1,656	1,210	1,215	2,092	2,012	96
21 State:							
Total	8,416	8,254	1,297	1,316	10,918	10,866	100

1/ 1992 Revised. 2/ Includes Dry Cows. Excludes Heifers not Yet Fresh.

3/ Excludes Milk Sucked by Calves.

Milk Cows and Production: 21 State Total, by Months, 1991-92

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	
	: ---- 1,000 ----		: ---- Pounds ----		: Million Pounds		: Percent
Jan	: 8,510	: 8,296	: 1,251	: 1,288	: 10,645	: 10,684	: 100
Feb	: 8,484	: 8,273	: 1,169	: 1,237	: 9,922	: 10,230	: 103
Mar	: 8,460	: 8,262	: 1,310	: 1,343	: 11,084	: 11,092	: 100
Apr	: 8,416	: 8,254	: 1,297	: 1,316	: 10,918	: 10,866	: 100
May	: 8,396	: 8,254	: 1,339	: 1,360	: 11,240	: 11,224	: 100
Jun	: 8,372		: 1,262		: 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.

Milk Cows and Production: By States, May 1991-92

State	Milk Cows <u>1/</u>		Milk per Cow <u>2/</u>		Milk Production <u>2/</u>		
	1991	1992	1991	1992	1991	1992	1992 as % of 1991
	---- 1,000 ----		--- Pounds ---		Million Pounds		Percent
CA	1,155	1,157	1,635	1,650	1,888	1,909	101
FL	181	182	1,250	1,320	226	240	106
ID	177	178	1,430	1,470	253	262	104
IL	193	187	1,280	1,220	247	228	92
IN	150	141	1,415	1,420	212	200	94
IA	303	307	1,165	1,160	353	356	101
KY	195	182	1,030	1,035	201	188	94
MD	103	98	1,230	1,235	127	121	95
MI	343	338	1,330	1,370	456	463	102
MN	685	660	1,300	1,315	891	868	97
MO	228	227	1,160	1,200	264	272	103
NY	751	740	1,330	1,390	999	1,029	103
NC	99	98	1,365	1,350	135	132	98
OH	337	330	1,280	1,270	431	419	97
PA	659	651	1,345	1,410	886	918	104
TN	194	197	1,010	1,000	196	197	101
TX	383	376	1,295	1,330	496	500	101
VT	164	164	1,305	1,350	214	221	103
VA	139	137	1,290	1,290	179	177	99
WA	235	246	1,660	1,700	390	418	107
WI	1,722	1,658	1,275	1,270	2,196	2,106	96
21 State:							
Total	8,396	8,254	1,339	1,360	11,240	11,224	100

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 is adequately represented. 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.

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