

Milk Production



National
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Service

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Department of
Agriculture

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November Milk Production

Milk production in the 21 major States during November totaled 9.91 billion pounds, 1 percent less than production in these same States in November 1990. October revised production at 10.2 billion pounds was slightly below October 1990.

Production per cow in the 21 major States averaged 1,185 for November, 14 pounds more than November 1990.

The number of cows on farms in the 21 major States was 8.36 million head, 180 thousand head less than November 1990 and 12 thousand less than October 1991.

During the July-September 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 11.7 billion pounds for November 1991.

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

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>		1991 as % of 1990
	1990	1991	1990	1991	1990	1991	
	-- Thousands --		--- Pounds ---		Million Pounds		Percent
Jan-Mar	10,128	10,104	3,627	3,708	36,740	37,470	102
Apr-Jun	10,111	10,020	3,820	3,855	38,626	38,630	100
Jul-Sep	10,119	9,967	3,620	3,642	36,632	36,295	99
Oct-Dec	10,151		3,575		36,285		
Annual	10,127		14,642		148,284		

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

2/ Excludes milk sucked by calves.

Revised October 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>		1991 as % of 1990
	1990	1991	1990	1991	1990	1991	
	-- Thousands --		--- Pounds ---		Million Pounds		Percent
CA	1,144	1,156	1,540	1,535	1,762	1,774	101
FL	178	177	1,060	1,040	189	184	97
ID	185	178	1,370	1,400	253	249	98
IL	196	188	1,175	1,230	230	231	100
IN	155	144	1,210	1,290	188	186	99
IA	302	303	1,150	1,150	347	348	100
KY	202	191	910	910	184	174	95
MD	104	104	1,085	1,105	113	115	102
MI	343	340	1,245	1,285	427	437	102
MN	700	680	1,095	1,125	767	765	100
MO	231	224	1,070	1,045	247	234	95
NY	767	755	1,175	1,200	901	906	101
NC	100	98	1,270	1,270	127	124	98
OH	340	336	1,060	1,055	360	354	98
PA	685	672	1,190	1,260	815	847	104
TN	196	196	920	935	180	183	102
TX	386	374	1,165	1,135	450	424	94
VT	163	164	1,190	1,200	194	197	102
VA	142	140	1,190	1,205	169	169	100
WA	238	235	1,545	1,585	368	372	101
WI	1,759	1,717	1,110	1,120	1,952	1,923	99
21 State:							
Total	8,516	8,372	1,200	1,218	10,223	10,196	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/		
	1990	1991	1990	1991	1990	1991	1991 as % of 1990
	-- Thousands --		---- Pounds ----		Million Pounds		Percent
Jan	8,536	8,510	1,217	1,253	10,389	10,663	103
Feb	8,523	8,487	1,141	1,172	9,722	9,948	102
Mar	8,500	8,464	1,292	1,311	10,986	11,097	101
Apr	8,497	8,426	1,273	1,294	10,818	10,906	101
May	8,496	8,418	1,324	1,334	11,252	11,228	100
Jun	8,495	8,389	1,262	1,260	10,719	10,573	99
Jul	8,487	8,368	1,260	1,251	10,691	10,472	98
Aug	8,499	8,372	1,233	1,232	10,476	10,316	98
Sep	8,516	8,372	1,171	1,186	9,973	9,926	100
Oct	8,516	8,372	1,200	1,218	10,223	10,196	100
Nov	8,540	8,360	1,171	1,185	9,998	9,905	99
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 November 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	1,146	1,156	1,480	1,480	1,696	1,711	101
FL	182	176	1,120	1,100	204	194	95
ID	186	178	1,320	1,310	246	233	95
IL	197	187	1,140	1,190	225	223	99
IN	155	144	1,195	1,250	185	180	97
IA	302	303	1,130	1,130	341	342	100
KY	203	191	895	895	182	171	94
MD	105	104	1,075	1,075	113	112	99
MI	343	340	1,200	1,220	412	415	101
MN	700	675	1,100	1,125	770	759	99
MO	230	224	1,065	1,035	245	232	95
NY	776	756	1,125	1,155	873	873	100
NC	101	99	1,270	1,270	128	126	98
OH	340	335	1,025	1,050	349	352	101
PA	687	670	1,195	1,240	821	831	101
TN	196	197	900	890	176	175	99
TX	388	374	1,160	1,115	450	417	93
VT	164	165	1,160	1,175	190	194	102
VA	142	140	1,185	1,200	168	168	100
WA	238	234	1,475	1,525	351	357	102
WI	1,759	1,712	1,065	1,075	1,873	1,840	98
21 State:							
Total	8,540	8,360	1,171	1,185	9,998	9,905	99

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 ensure 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 the survey each of the months or quarters, or both. 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 ensure 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 comparing current survey estimates of number of cows milked and rate per cow with historic survey data and how these relate to final milk production estimates. The individual state estimates are reviewed by the Agricultural Statistics Board for reasonableness.

Revision Policy: Estimates of 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 revision, 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 on half percent of the final estimate.

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