

Milk Production



United States
Department of
Agriculture

Washington, D.C.

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April Milk Production Up 2 Percent

Milk production in the 22 major States during April totaled 11.5 billion pounds, 2 percent above production in these same States in April 1994. March revised production, at 11.7 billion pounds, was 3 percent more than March 1994.

Production per cow in the 22 major States averaged 1,423 pounds for April, 27 pounds above April 1994.

The number of cows on farms in the 22 major States was 8.10 million head, 19,000 head more than April 1994 but 4,000 head less than March 1995.

During the January-March period, the 22 major States produced 33.4 billion pounds of milk, 85.8 percent of the U.S. production. If the remaining 28 States not surveyed monthly followed the same pattern as the 22 States, the U.S. production would be 13.4 billion pounds for April 1995.

Notice

Monthly estimates are published for New Mexico beginning with the February 1995 issue. To facilitate year to year comparisons, monthly estimates for both 1994 and 1995 include New Mexico.

For information call Kevin Hintzman at (202) 720-4448. Office hours are 8:00 a.m. to 4:30 p.m. ET.

Milk Cows and Production: By Quarter, United States, 1994-95

Quarter	Milk Cows 1/		Milk per Cow 2/		Milk Production 2/		1995 as % of 1994
	1994	1995	1994	1995	1994	1995	
	---- 1,000 ----		Pounds		Million Pounds		Percent
Jan-Mar	9,506	9,516	3,951	4,095	37,560	38,971	104
Apr-Jun	9,530		4,188		39,916		
Jul-Sep	9,539		4,007		38,217		
Oct-Dec	9,524		3,983		37,933		
Annual	9,525		16,129		153,626		

1/ Includes dry cows, excludes heifers not yet fresh.

2/ Excludes milk sucked by calves.

Milk Cows and Production: By Month, 22 Selected States, 1994-95

Month	Milk Cows 1/		Milk per Cow 2/		Milk Production 2/		1995 as % of 1994
	1994	1995	1994	1995	1994	1995	
	---- 1,000 ----		Pounds		Million Pounds		Percent
Jan	8,092	8,090	1,343	1,394	10,870	11,280	104
Feb	8,082	8,088	1,236	1,291	9,990	10,441	105
Mar	8,074	8,103	1,401	1,444	11,315	11,698	103
Apr	8,080	8,099	1,396	1,423	11,282	11,525	102
May	8,097		1,457		11,799		
Jun	8,107		1,388		11,249		
Jul	8,104		1,389		11,260		
Aug	8,108		1,369		11,102		
Sep	8,109		1,318		10,689		
Oct	8,104		1,354		10,970		
Nov	8,098		1,312		10,624		
Dec	8,094		1,370		11,090		
Annual	8,096		16,334		132,240		

1/ Includes dry cows, excludes heifers not yet fresh.

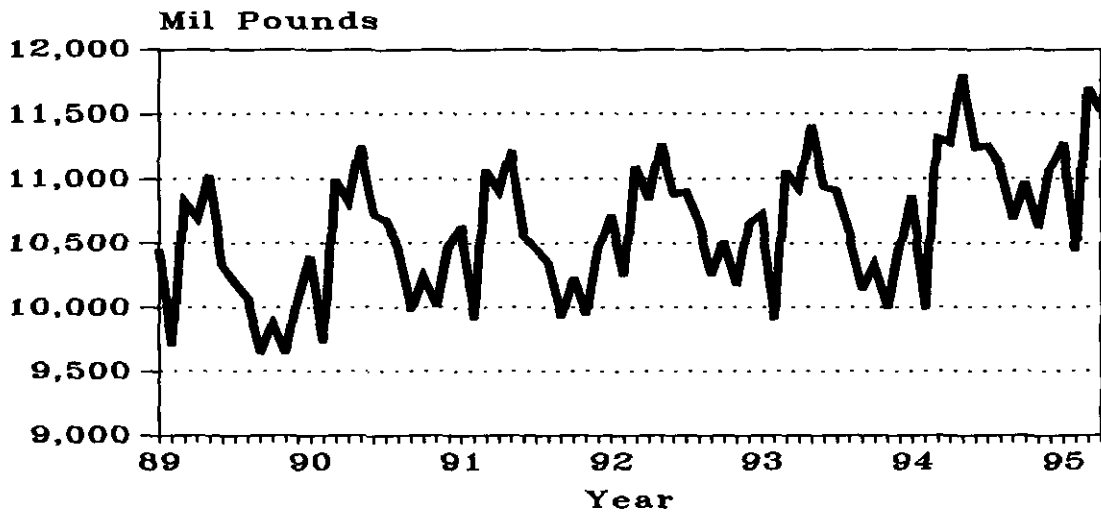
2/ Excludes milk sucked by calves.

Milk Cows and Production: By State, April 1994-95

State	Milk Cows 1/		Milk per Cow 2/		Milk Production 2/		1995 as % of 1994
	1994	1995	1994	1995	1994	1995	
	1,000		Pounds		Million Pounds		Percent
CA	1,228	1,254	1,705	1,685	2,094	2,113	101
FL	178	166	1,425	1,390	254	231	91
ID	201	225	1,480	1,470	297	331	111
IL	165	163	1,340	1,370	221	223	101
IN	145	144	1,330	1,320	193	190	98
IA	263	262	1,220	1,300	321	341	106
KY	171	163	1,030	1,120	176	183	104
MD	92	93	1,250	1,270	115	118	103
MI	328	326	1,415	1,440	464	469	101
MN	610	595	1,330	1,365	811	812	100
MO	198	198	1,260	1,305	249	258	104
NM	158	185	1,772	1,685	280	312	111
NY	724	705	1,360	1,410	985	994	101
NC	91	88	1,450	1,480	132	130	98
OH	297	288	1,305	1,360	388	392	101
PA	635	639	1,360	1,420	864	907	105
TN	159	157	1,080	1,110	172	174	101
TX	402	400	1,470	1,400	591	560	95
VT	158	156	1,330	1,365	210	213	101
VA	130	129	1,275	1,325	166	171	103
WA	260	265	1,665	1,665	433	441	102
WI	1,487	1,498	1,255	1,310	1,866	1,962	105
22 State Total	8,080	8,099	1,396	1,423	11,282	11,525	102

1/ Includes dry cows, excludes heifers not yet fresh.
 2/ Excludes milk sucked by calves.

Milk Production, 1989-1995 22 States 1/



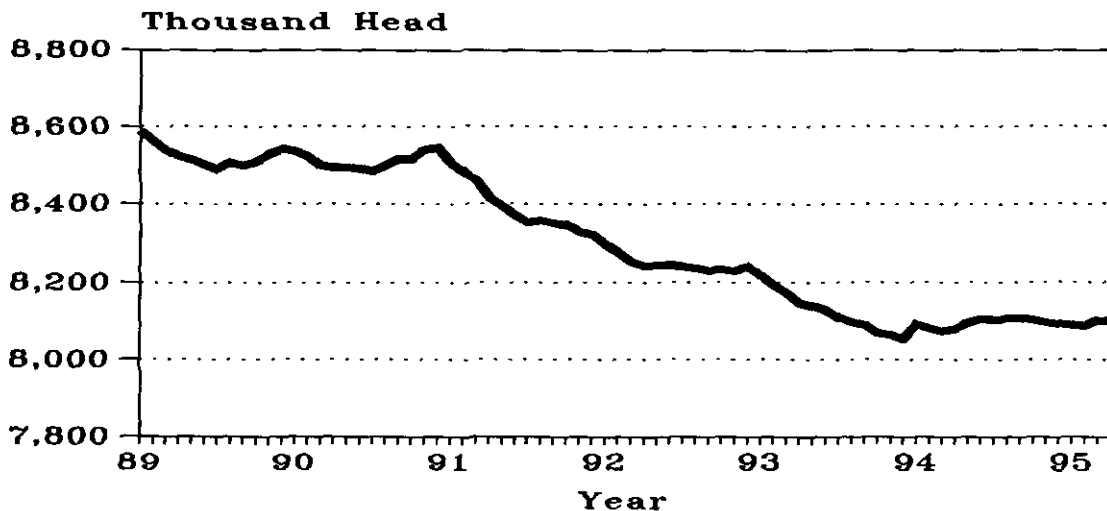
1/ New Mexico added, beginning January 1994.

Milk Cows and Production: By State, March 1994-95 1/

State	Milk Cows 2/		Milk per Cow 3/		Milk Production 3/		1995 as % of 1994
	1994	1995	1994	1995	1994	1995	
	----- 1,000 -----		Pounds		Million Pounds		Percent
CA	1,226	1,254	1,710	1,705	2,096	2,138	102
FL	178	166	1,485	1,435	264	238	90
ID	199	223	1,460	1,510	291	337	116
IL	165	163	1,340	1,380	221	225	102
IN	144	145	1,350	1,340	194	194	100
IA	263	262	1,240	1,320	326	346	106
KY	171	163	1,005	1,105	172	180	105
MD	93	93	1,215	1,290	113	120	106
MI	329	326	1,430	1,510	470	492	105
MN	615	600	1,340	1,395	824	837	102
MO	196	195	1,210	1,275	237	249	105
NM	157	185	1,758	1,705	276	315	114
NY	725	707	1,365	1,415	990	1,000	101
NC	91	88	1,475	1,510	134	133	99
OH	297	289	1,300	1,375	386	397	103
PA	637	641	1,380	1,440	879	923	105
TN	158	157	1,050	1,100	166	173	104
TX	401	400	1,480	1,450	593	580	98
VT	159	156	1,335	1,390	212	217	102
VA	130	129	1,290	1,355	168	175	104
WA	257	263	1,690	1,720	434	452	104
WI	1,483	1,498	1,260	1,320	1,869	1,977	106
22 State Total	8,074	8,103	1,401	1,444	11,315	11,698	103

1/ 1995 revised. 2/ Includes dry cows, excludes heifers not yet fresh.
3/ Excludes milk sucked by calves.

All Milk Cows, 1989-1995 22 States 1/



1/ New Mexico added, beginning January 1994.

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. Generally, all large producers and a sample of small 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. Additional reports are obtained by telephone, as needed, to supplement the mail response.

Estimation Procedures: State offices prepare these estimates using survey indications, historic trends, and any available administrative data. 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 basis for revisions. However, data for all orders are not available in time for this revision. Estimates are again subject to revisions in February each year based on additional administrative data. In the event that additional changes are necessary, a third revision is possible in February the following year. Estimates are again reviewed after data from the five-year Census of Agriculture, conducted by the Department of Commerce, are available. No revisions are made after that date.

Reliability: Since all operations with dairy animals are not included in the sample, survey estimates are subject to sampling variability. Survey results are also subject to non-sampling errors such as omissions, duplications, and mistakes in reporting, recording, and processing the data. The effects of these errors cannot be measured directly. They are minimized through rigid quality controls in the data collection process and through a careful review of all reported data for consistency and reasonableness.

To assist users in evaluating the reliability of the estimates in this report, the "**Root Mean Square Error**" is shown for selected items in the table below. The "Root Mean Square Error" is a statistical measure based on past performance and is computed using the differences between first and final estimates. The "Root Mean Square Error" for milk cow inventory estimates over the past 10 quarters is 1.1 percent. This means that chances are 2 out of 3 that the final January-March estimate will not be above or below the current estimate of 9.52 million head by more than 1.1 percent, or about 105,000 head. Chances are 9 out of 10 that the difference will not exceed 2.0 percent, or about 190,000 head (the 90 percent confidence level).

Reliability of January-March Milk Estimates 1/

Item	Root Mean Square Error	90% Confidence Level	Difference Between First and Final Estimates 1/				Number of Quarters	
			Average	Smallest	Largest	First Above Final	First Below Final	
	- Percent -		----- Mil Lbs. -----			- Number -		
Milk Production	0.5	1.0	391	163	7	315	8	2
			----- 1,000 Head -----					
All Milk Cows	1.1	2.0	190	96	5	187	10	0

1/ Based on records for the past 10 January-March quarters.

The next "Milk Production" report will be released at 3 p.m. ET on June 15, 1995.

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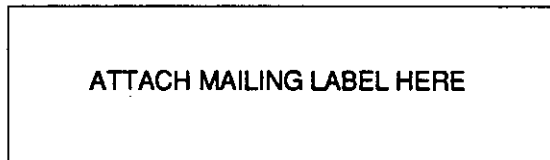
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