



# Milk Production

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## Special Note

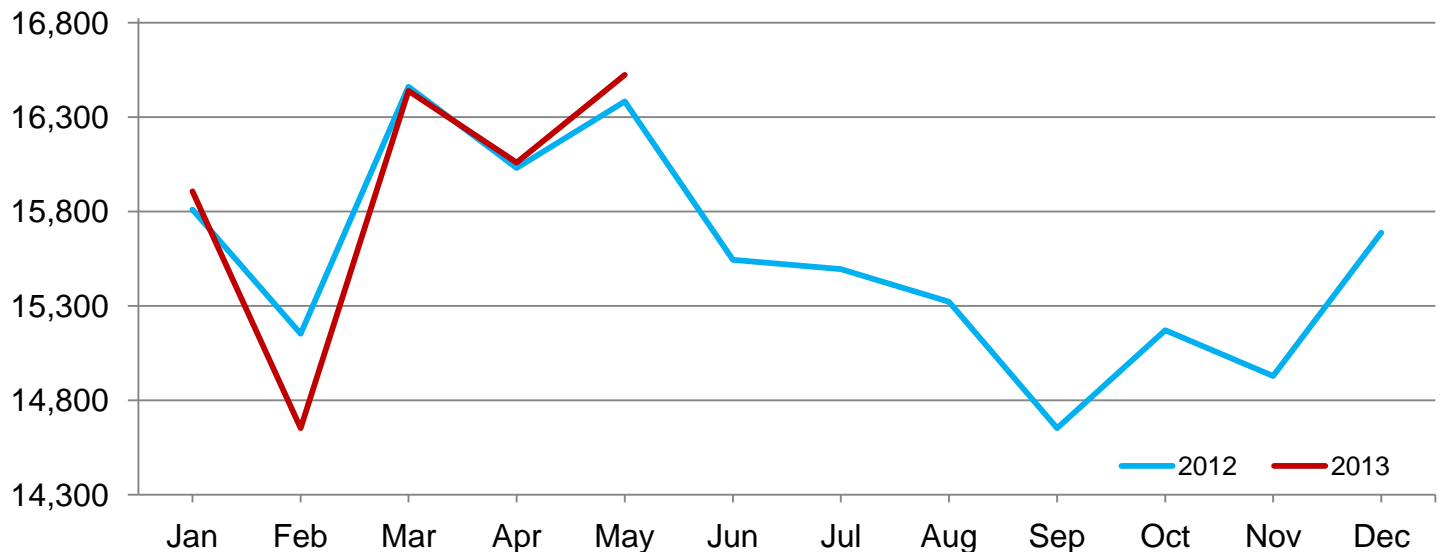
Due to sequestration, administrative data will be used for all releases of this report through the end of the fiscal year on September 30, 2013. Releases will contain milk production data only. No information on the number of cows or milk per cow will be released. Please check the NASS website at [www.nass.usda.gov](http://www.nass.usda.gov) for any future updates on NASS programs.

## May Milk Production up 0.9 Percent

**Milk production** in the 23 major States during May totaled 16.5 billion pounds, up 0.9 percent from May 2012. April revised production, at 16.1 billion pounds, was up 0.2 percent from April 2012. The April revision represented a decrease of 20 million pounds or 0.1 percent from last month's preliminary production estimate.

## Monthly Milk Production – 23 Selected States

Million pounds



## Milk Production by Quarter – 2012-2013

[Excludes milk sucked by calves. Blank data cells indicate estimation period has not yet begun]

Quarter	United States		
	2012	2013	Change from 2012
	(million pounds)	(million pounds)	(percent)
January-March .....	51,044	50,495	-1.1
April-June .....	51,509		
July-September .....	48,675		
October-December .....	49,096		
Annual .....	200,324		

## Estimated Milk Production by Month 2012-2013

[Excludes milk sucked by calves. Blank data cells indicate estimation period has not yet begun]

Month	23 Selected States			United States		
	2012	2013	Change from 2012	2012	2013	Change from 2012
	(million pounds)	(million pounds)	(percent)	(million pounds)	(million pounds)	(percent)
January .....	15,810	15,907	0.6	17,016	17,089	0.4
February .....	15,153	14,653	-3.3	16,310	15,743	-3.5
March .....	16,462	16,440	-0.1	17,718	17,663	-0.3
April .....	16,031	16,059	0.2	17,232	17,250	0.1
May .....	16,384	16,525	0.9	17,601	17,742	0.8
June .....	15,544			16,676		
July .....	15,495			16,585		
August .....	15,322			16,403		
September .....	14,653			15,687		
October .....	15,172			16,267		
November .....	14,929			16,008		
December .....	15,688			16,821		
Annual .....	186,643			200,324		

## Milk Production – 23 Selected States: April and May, 2012 and 2013

[Excludes milk sucked by calves]

State	Milk production					
	April			May		
	2012	2013	Change from 2012	2012	2013	Change from 2012
	(million pounds)	(million pounds)	(percent)	(million pounds)	(million pounds)	(percent)
Arizona .....	418	411	-1.7	418	410	-1.9
California .....	3,632	3,619	-0.4	3,744	3,726	-0.5
Colorado .....	268	271	1.1	278	282	1.4
Florida .....	221	220	-0.5	218	218	-
Idaho .....	1,108	1,117	0.8	1,172	1,175	0.3
Illinois .....	173	173	-	171	174	1.8
Indiana .....	327	337	3.1	330	347	5.2
Iowa .....	384	390	1.6	382	393	2.9
Kansas .....	233	247	6.0	236	255	8.1
Michigan .....	750	760	1.3	765	784	2.5
Minnesota .....	770	774	0.5	777	791	1.8
Missouri .....	136	128	-5.9	131	128	-2.3
New Mexico .....	718	700	-2.5	722	714	-1.1
New York .....	1,119	1,132	1.2	1,153	1,177	2.1
Ohio .....	469	470	0.2	470	478	1.7
Oregon .....	212	213	0.5	223	222	-0.4
Pennsylvania .....	904	904	-	914	935	2.3
Texas .....	843	816	-3.2	847	840	-0.8
Utah .....	163	158	-3.1	170	166	-2.4
Vermont .....	216	220	1.9	223	231	3.6
Virginia .....	153	153	-	151	155	2.6
Washington .....	528	537	1.7	550	558	1.5
Wisconsin .....	2,286	2,309	1.0	2,339	2,366	1.2
23-State Total .....	16,031	16,059	0.2	16,384	16,525	0.9

- Represents zero.

## Statistical Methodology

**Data Sources:** Data for the *Milk Production* report are obtained from Federal Milk Market Orders, dairy check-off data, State Departments of Agriculture, and other administrative sources.

**Estimation Procedures:** State offices prepare these estimates by using all available administrative data. Individual State estimates are reviewed by the Agricultural Statistics Board for reasonableness.

**Revision Policy:** Milk production is subject to revision the following month for monthly States or the following quarter for the quarterly States. Additional administrative data are the main basis for revisions. However, not all data are 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 are available. No revisions are made after that date.

**Reliability:** Results are subject to non-sampling errors such as mistakes in reporting, recording, and processing the administrative 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 administrative 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 milk production 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 the 23 State milk production estimates over the past 24 months is 0.1 percent. This means that chances are 2 out of 3 that the final estimate will not be above or below the current estimate of 16.5 billion pounds by more than 0.1 percent. Chances are 9 out of 10 that the difference will not exceed 0.2 percent.

### Reliability of Monthly Milk Production Estimates

[Based on data for the past 24 months]

Item	Root mean square error	90 percent confidence level	Difference between first and latest estimate				
			Average	Smallest	Largest	Months	
						Below latest	Above latest
Milk production .....	(percent) 0.1	(percent) 0.2	(1,000) 17	(1,000) 0	(1,000) 58	(number) 11	(number) 11

## Information Contacts

Listed below are the commodity specialists in the Livestock Branch of the National Agricultural Statistics Service to contact for additional information. E-mail inquiries may be sent to [nass@nass.usda.gov](mailto:nass@nass.usda.gov)

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