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Milk Production

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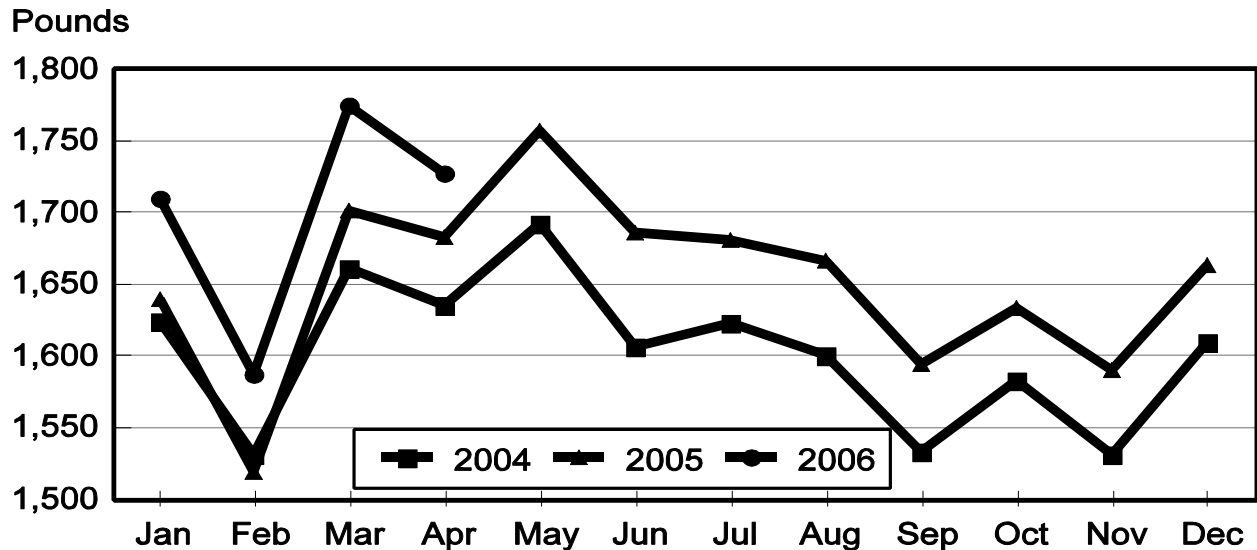
April Milk Production Up 3.7 Percent

Milk production in the 23 major States during April totaled 14.2 billion pounds, up 3.7 percent from April 2005. March revised production, at 14.6 billion pounds, was up 5.6 percent from March 2005. The March revision represented an increase of 25 million pounds or 0.2 percent from last month's preliminary production estimate.

Production per cow in the 23 major States averaged 1,727 pounds for April, 37 pounds above April 2005.

The number of milk cows on farms in the 23 major States was 8.24 million head, 124,000 head more than April 2005, and 13,000 head more than March 2006.

Monthly Milk per Cow 23 States



Milk Cows and Production: By Quarter, United States, 2005-2006 ¹

Quarter	Milk Cows ²		Milk Per Cow ³		Milk Production ³		
	2005	2006	2005	2006	2005	2006	Change From 2005
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Percent</i>
Jan-Mar	9,002	9,094	4,816	5,008	43,350	45,546	5.1
Apr-Jun	9,041		5,069		45,831		
Jul-Sep	9,060		4,871		44,134		
Oct-Dec	9,060		4,821		43,674		
Annual	9,041		19,576		176,989		

¹ May not add due to rounding.

² Includes dry cows, excludes heifers not yet fresh.

³ Excludes milk sucked by calves.

Milk Cows and Production: By Month, 23 Selected States, 2005-2006 ¹

Month	Milk Cows ²		Milk Per Cow ³		Milk Production ³		
	2005	2006	2005	2006	2005	2006	Change from 2005
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Percent</i>
Jan	8,087	8,195	1,643	1,710	13,287	14,014	5.5
Feb	8,084	8,206	1,522	1,587	12,301	13,022	5.9
Mar	8,099	8,228	1,707	1,775	13,825	14,604	5.6
Apr	8,117	8,241	1,690	1,727	13,717	14,230	3.7
May	8,131		1,760		14,311		
Jun	8,138		1,690		13,755		
Jul	8,151		1,683		13,715		
Aug	8,162		1,671		13,640		
Sep	8,167		1,599		13,057		
Oct	8,168		1,637		13,373		
Nov	8,167		1,592		13,002		
Dec	8,179		1,663		13,599		
Annual	8,138		19,857		161,582		

¹ 2006 revised.

² Includes dry cows, excludes heifers not yet fresh.

³ Excludes milk sucked by calves.

Estimated Milk Cows and Production: By Month, United States, 2005-2006 ¹

Month	Milk Cows ²		Milk Per Cow ³		Milk Production ³		
	2005	2006	2005	2006	2005	2006	Change From 2005
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Percent</i>
Jan	9,000	9,078	1,624	1,689	14,614	15,329	4.9
Feb	8,996	9,090	1,504	1,567	13,530	14,244	5.3
Mar	9,009	9,111	1,688	1,753	15,206	15,973	5.0
Apr	9,030	9,125	1,666	1,702	15,047	15,530	3.2
May	9,042		1,735		15,697		
Jun	9,050		1,668		15,087		
Jul	9,053		1,656		14,978		
Aug	9,060		1,643		14,896		
Sep	9,066		1,572		14,260		
Oct	9,060		1,613		14,611		
Nov	9,056		1,569		14,205		
Dec	9,063		1,639		14,858		
Annual	9,041		19,576		176,989		

¹ 2005 revised.

² Includes dry cows, excludes heifers not yet fresh.

³ Excludes milk sucked by calves.

Milk Cows and Production: By State, April 2005-2006

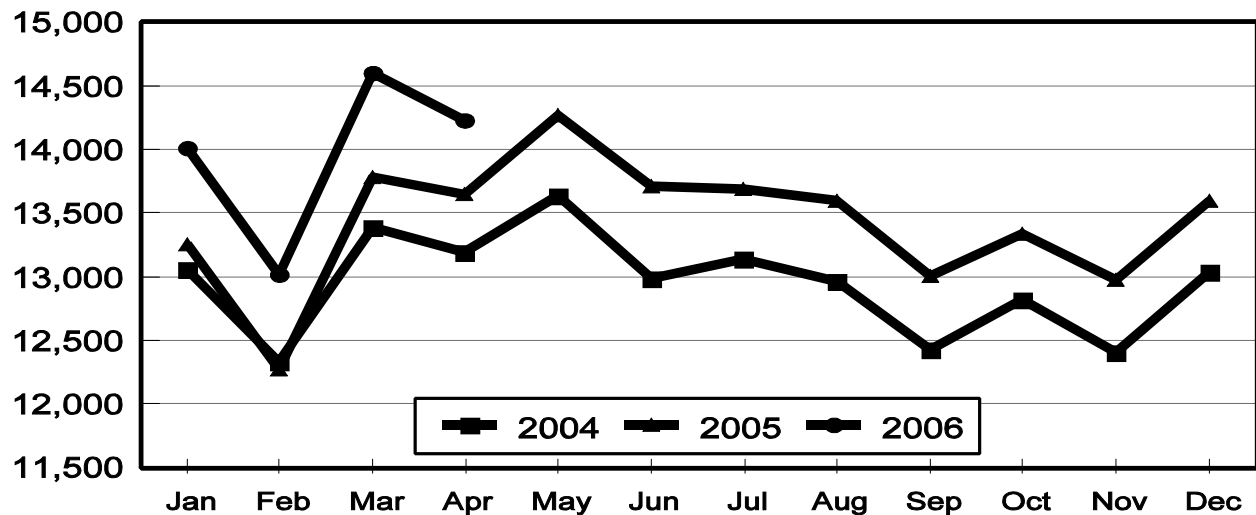
State	Milk Cows ¹		Milk Per Cow ²		Milk Production ²		
	2005	2006	2005	2006	2005	2006	Change From 2005
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Percent</i>
AZ	164	172	2,060	2,145	338	369	9.2
CA	1,747	1,788	1,825	1,850	3,188	3,308	3.8
CO	103	108	1,865	1,900	192	205	6.8
FL	138	133	1,570	1,590	217	211	-2.8
ID	443	478	1,850	1,850	820	884	7.8
IL	105	103	1,605	1,650	169	170	0.6
IN	157	164	1,780	1,715	279	281	0.7
IA	192	200	1,775	1,765	341	353	3.5
KS	111	112	1,755	1,810	195	203	4.1
KY	107	99	1,150	1,280	123	127	3.3
MI	311	317	1,830	1,855	569	588	3.3
MN	455	450	1,540	1,575	701	709	1.1
MO	119	116	1,430	1,500	170	174	2.4
NM	323	349	1,780	1,875	575	654	13.7
NY	646	649	1,565	1,590	1,011	1,032	2.1
OH	269	273	1,520	1,530	409	418	2.2
OR	121	121	1,610	1,530	195	185	-5.1
PA	563	557	1,600	1,650	901	919	2.0
TX	319	328	1,780	1,935	568	635	11.8
VT	144	143	1,570	1,560	226	223	-1.3
VA	105	103	1,485	1,535	156	158	1.3
WA	241	237	1,965	1,955	474	463	-2.3
WI	1,234	1,241	1,540	1,580	1,900	1,961	3.2
23-State Total	8,117	8,241	1,690	1,727	13,717	14,230	3.7

¹ Includes dry cows, excludes heifers not yet fresh.

² Excludes milk sucked by calves.

Monthly Milk Production 23 States

Million Pounds



Milk Cows and Production: By State, March 2005-2006 ¹

State	Milk Cows ²		Milk per Cow ³		Milk Production ³		
	2005	2006	2005	2006	2005	2006	Change From 2005
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Percent</i>
AZ	164	170	2,080	2,195	341	373	9.4
CA	1,744	1,785	1,850	1,920	3,226	3,427	6.2
CO	102	107	1,925	1,980	196	212	8.2
FL	139	133	1,640	1,640	228	218	-4.4
ID	441	476	1,880	1,880	829	895	8.0
IL	105	104	1,670	1,720	175	179	2.3
IN	156	163	1,700	1,775	265	289	9.1
IA	191	200	1,795	1,810	343	362	5.5
KS	110	111	1,810	1,840	199	204	2.5
KY	107	100	1,140	1,260	122	126	3.3
MI	309	316	1,825	1,910	564	604	7.1
MN	455	450	1,570	1,625	714	731	2.4
MO	119	115	1,400	1,500	167	173	3.6
NM	322	347	1,790	1,910	576	663	15.1
NY	648	649	1,570	1,630	1,017	1,058	4.0
OH	268	273	1,520	1,550	407	423	3.9
OR	121	121	1,640	1,610	198	195	-1.5
PA	560	555	1,600	1,700	896	944	5.4
TX	318	328	1,795	2,000	571	656	14.9
VT	143	143	1,595	1,610	228	230	0.9
VA	105	103	1,495	1,560	157	161	2.5
WA	239	238	2,020	1,980	483	471	-2.5
WI	1,233	1,241	1,560	1,620	1,923	2,010	4.5
23-State Total	8,099	8,228	1,707	1,775	13,825	14,604	5.6

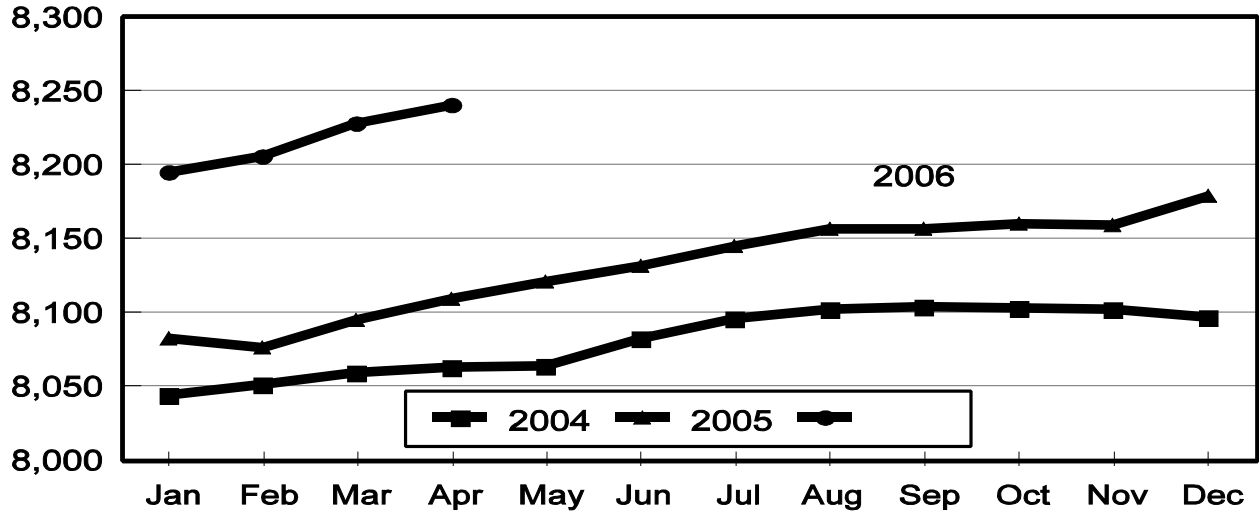
¹ 2005 and 2006 revised.

² Includes dry cows, excludes heifers not yet fresh.

³ Excludes milk sucked by calves.

Monthly Milk Cows 23 States

Thousand Head



Reliability Statement

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. Where feasible, States utilize state and federal administrative data, rather than conduct a monthly or quarterly survey, to estimate milk production. This eliminates duplication of data gathering by different government agencies. Indications of milk cow inventory are also obtained in the January and July Cattle Surveys.

Estimation Procedures: State offices prepare these estimates by using a combination of 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 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 on the next page. 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 January - March quarters is 0.2 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 9.09 million head by more than 0.2 percent. Chances are 9 out of 10 that the difference will not exceed 0.3 percent.

Reliability of January-March Milk Estimates ¹

Item	Root Mean Square Error	90% Confidence Level		Difference Between First and Latest Estimates			Quarters	
				Average	Smallest	Largest	First Above Latest	First Below Latest
				<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Number</i>	<i>Number</i>
Milk Production	<i>Percent</i> 0.4	<i>Percent</i> 0.7	<i>Million Pounds</i> 319	<i>Million Pounds</i> 135	<i>Million Pounds</i> 10	<i>Million Pounds</i> 375	<i>Number</i> 5	<i>Number</i> 5
All Milk Cows	<i>Percent</i> 0.2	<i>Percent</i> 0.3	<i>1,000 Head</i> 27	<i>1,000 Head</i> 12	<i>1,000 Head</i> 2	<i>1,000 Head</i> 35	<i>Number</i> 5	<i>Number</i> 5

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

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