

Released August 16, 2001, by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, U.S. Department of Agriculture. For information on "Milk Production" call Ty Kalas at 202-690-3236, office hours 7:00 a.m. to 4:30 p.m. ET.

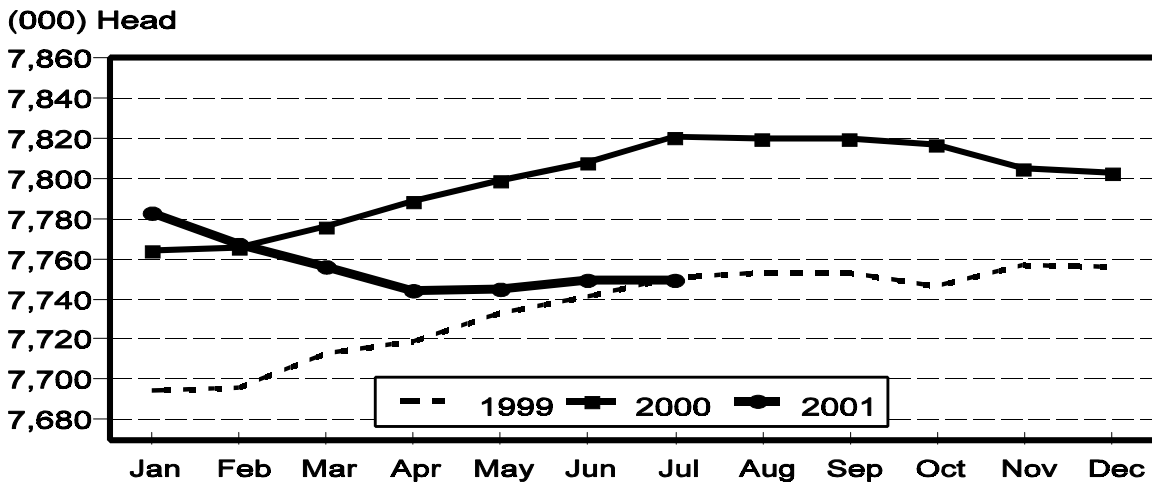
## July Milk Production Down 1.2 Percent

**Milk production** in the 20 major States during July totaled 12.1 billion pounds, down 1.2 percent from July 2000. June revised production, at 12.1 billion pounds, was down 0.2 percent from June 2000. The June revision represented an increase of 0.3 percent or 34 million pounds from last month's preliminary production estimate.

**Production per cow** in the 20 major States averaged 1,555 pounds for July, 6 pounds below July 2000.

**The number of milk cows** on farms in the 20 major States was 7.75 million head, 72,000 head less than July 2000, but unchanged from June 2001.

## Monthly Milk Cows 20 States



**Milk Cows and Production: By Quarter, United States, 2000-2001 <sup>1</sup>**

Quarter	Milk Cows <sup>2</sup>		Milk Per Cow <sup>3</sup>		Milk Production <sup>3</sup>		
	2000	2001	2000	2001	2000	2001	Change From 2000
	<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	9,188	9,157	4,640	4,511	42,630	41,306	-3.1
Apr-Jun	9,213	9,126	4,688	4,675	43,189	42,661	-1.2
Jul-Sep	9,229		4,460		41,161		
Oct-Dec	9,211		4,416		40,678		
Annual	9,210		18,204		167,658		

<sup>1</sup> May not add due to rounding.

<sup>2</sup> Includes dry cows, excludes heifers not yet fresh.

<sup>3</sup> Excludes milk sucked by calves.

**Milk Cows and Production: By Month, 20 Selected States, 2000-2001**

Month	Milk Cows <sup>1</sup>		Milk Per Cow <sup>2</sup>		Milk Production <sup>2</sup>		
	2000	2001	2000	2001	2000	2001	Change From 2000
	<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	7,764	7,783	1,579	1,550	12,259	12,062	-1.6
Feb	7,766	7,767	1,506	1,431	11,694	11,112	-5.0
Mar	7,776	7,756	1,632	1,599	12,687	12,401	-2.3
Apr	7,789	7,744	1,593	1,570	12,411	12,158	-2.0
May	7,799	7,745	1,636	1,632	12,758	12,638	-0.9
Jun	7,808	7,749	1,547	1,556	12,082	12,057	-0.2
Jul	7,821	7,749	1,561	1,555	12,205	12,053	-1.2
Aug	7,820		1,525		11,928		
Sep	7,820		1,464		11,451		
Oct	7,817		1,511		11,813		
Nov	7,805		1,459		11,385		
Dec	7,803		1,519		11,855		
Annual	7,799		18,532		144,528		

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

<sup>2</sup> Excludes milk sucked by calves.

**Estimated Milk Cows and Production: By Month, United States, 2000-2001 <sup>1</sup>**

Month	Milk Cows <sup>2</sup>		Milk Per Cow <sup>3</sup>		Milk Production <sup>3</sup>		
	2000	2001	2000	2001	2000	2001	Change From 2000
	<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	9,183	9,174	1,553	1,527	14,263	14,005	-1.8
Feb	9,183	9,155	1,482	1,409	13,606	12,902	-5.2
Mar	9,197	9,141	1,605	1,575	14,761	14,399	-2.5
Apr	9,202	9,123	1,564	1,543	14,390	14,076	-2.2
May	9,214	9,124	1,605	1,604	14,791	14,631	-1.1
Jun	9,224	9,130	1,519	1,528	14,008	13,954	-0.4
Jul	9,229	9,130	1,530	1,528	14,117	13,949	-1.2
Aug	9,228		1,495		13,798		
Sep	9,229		1,435		13,246		
Oct	9,222		1,486		13,708		
Nov	9,208		1,435		13,212		
Dec	9,204		1,495		13,758		
Annual	9,210		18,204		167,658		

<sup>1</sup> 2001 revised.

<sup>2</sup> Includes dry cows, excludes heifers not yet fresh.

<sup>3</sup> Excludes milk sucked by calves.

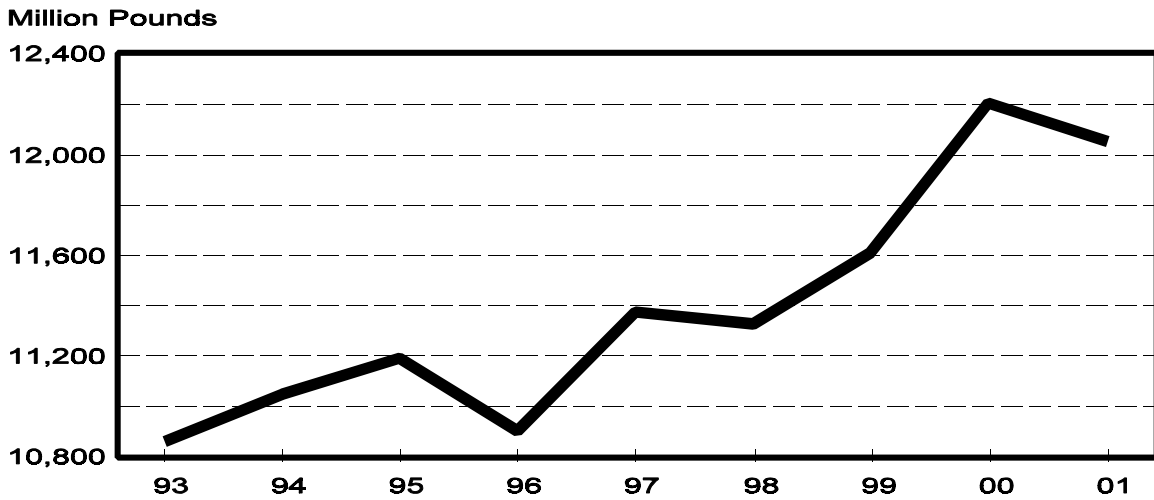
**Milk Cows and Production: By State, July 2000-2001**

State	Milk Cows <sup>1</sup>		Milk Per Cow <sup>2</sup>		Milk Production <sup>2</sup>		
	2000	2001	2000	2001	2000	2001	Change From 2000
	<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	140	140	1,735	1,740	243	244	0.4
CA	1,525	1,590	1,825	1,775	2,783	2,822	1.4
FL	157	154	1,210	1,250	190	193	1.6
ID	355	376	1,820	1,850	646	696	7.7
IL	120	115	1,430	1,405	172	162	-5.8
IN	145	154	1,364	1,405	198	216	9.1
IA	215	208	1,540	1,475	331	307	-7.3
KY	133	130	1,015	1,060	135	138	2.2
MI	302	303	1,620	1,615	489	489	
MN	535	510	1,455	1,425	778	727	-6.6
MO	154	146	1,210	1,055	186	154	-17.2
NM	252	265	1,730	1,790	436	474	8.7
NY	685	673	1,490	1,510	1,021	1,016	-0.5
OH	263	258	1,420	1,420	373	366	-1.9
PA	619	600	1,500	1,510	929	906	-2.5
TX	349	322	1,235	1,210	431	390	-9.5
VT	160	152	1,475	1,495	236	227	-3.8
VA	120	118	1,265	1,270	152	150	-1.3
WA	247	247	1,965	1,955	485	483	-0.4
WI	1,345	1,288	1,480	1,470	1,991	1,893	-4.9
20-State Total	7,821	7,749	1,561	1,555	12,205	12,053	-1.2

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

<sup>2</sup> Excludes milk sucked by calves.

**July Milk Production, 1993-2001  
20 States**



**Milk Cows and Production: By State, June 2000-2001 <sup>1</sup>**

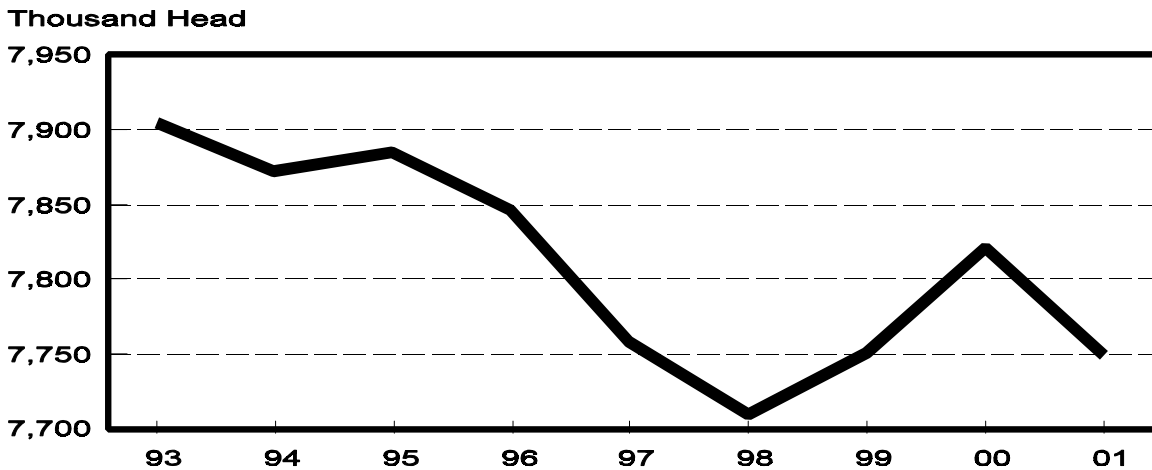
State	Milk Cows <sup>2</sup>		Milk per Cow <sup>3</sup>		Milk Production <sup>3</sup>		
	2000	2001	2000	2001	2000	2001	Change From 2000
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Million Pounds</i>	<i>Million Pounds</i>	<i>Percent</i>
AZ	138	140	1,890	1,720	261	241	-7.7
CA	1,518	1,585	1,760	1,755	2,672	2,782	4.1
FL	158	154	1,325	1,305	209	201	-3.8
ID	351	371	1,760	1,780	618	660	6.8
IL	120	115	1,440	1,480	173	170	-1.7
IN	144	154	1,340	1,470	193	226	17.1
IA	215	210	1,530	1,495	329	314	-4.6
KY	132	130	1,000	1,075	132	140	6.1
MI	304	304	1,595	1,600	485	486	0.2
MN	535	510	1,490	1,480	797	755	-5.3
MO	155	148	1,200	1,140	186	169	-9.1
NM	249	263	1,790	1,790	446	471	5.6
NY	688	673	1,470	1,490	1,011	1,003	-0.8
OH	262	260	1,400	1,420	367	369	0.5
PA	617	600	1,495	1,520	922	912	-1.1
TX	350	325	1,355	1,315	474	427	-9.9
VT	160	152	1,470	1,485	235	226	-3.8
VA	120	118	1,250	1,295	150	153	2.0
WA	247	247	1,910	1,900	472	469	-0.6
WI	1,345	1,290	1,450	1,460	1,950	1,883	-3.4
20-State Total	7,808	7,749	1,547	1,556	12,082	12,057	-0.2

<sup>1</sup> 2001 revised.

<sup>2</sup> Includes dry cows, excludes heifers not yet fresh.

<sup>3</sup> Excludes milk sucked by calves.

**July Milk Cows, 1993-2001  
20 States**



## 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.

**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 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 April-June quarters is 1.1 percent. This means that chances are 2 out of 3 that the final April-June estimate will not be above or below the current estimate of 9.13 million head by more than 1.1 percent. Chances are 9 out of 10 that the difference will not exceed 1.9 percent.

**Reliability of April-June Milk Estimates <sup>1</sup>**

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> 299	<i>Million Pounds</i> 127	<i>Million Pounds</i> 3	<i>Million Pounds</i> 264	<i>Number</i> 9	<i>Number</i> 1
All Milk Cows	<i>Percent</i> 1.1	<i>Percent</i> 1.9	<i>1,000 Head</i> 173	<i>1,000 Head</i> 73	<i>1,000 Head</i> 0	<i>1,000 Head</i> 188	<i>Number</i> 6	<i>Number</i> 3

<sup>1</sup> Based on records for the past 10 April-June quarters.

The next "Milk Production" report will be released at 3 p.m. ET on September 17, 2001.

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USDA to Hold Public Forum  
October 15, 2001

Holiday Inn Mart Plaza  
Chicago, Illinois

The National Agricultural Statistics Service will be organizing an open forum for data users. The purpose will be to provide updates on pending changes in the various statistical and information programs and to seek comments and input from data users. The other USDA agencies to be represented will include the Agricultural Marketing Service, the Economic Research Service, the Foreign Agricultural Service, and the World Agricultural Outlook Board. The Foreign Trade Division from the Census Bureau and the National Weather Service will also be included in the meeting.

For registration details for the Data User's meeting, see the NASS home page at <http://www.usda.gov/nass/> Or contact Karlyn McCutcheon (NASS) at (202) 690-8141 or at [karlyn\\_mccutcheon@nass.usda.gov](mailto:karlyn_mccutcheon@nass.usda.gov).

This Public Forum precedes an Industry Outlook meeting that will be held at the same location on October 16, 2001. The outlook meeting brings together analysts from the various commodity sectors to discuss the outlook situation. For more information about the outlook meeting and to register for it contact Terry Francl at (847) 685-8769 or at [terry@fb.org](mailto:terry@fb.org).