



# Milk Production

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## March Milk Production up 1.0 Percent

**Milk production** in the 24 major States during March totaled 19.0 billion pounds, up 1.0 percent from March 2024. February revised production, at 17.0 billion pounds, was down 2.4 percent from February 2024. The February revision represented an increase of 26 million pounds or 0.2 percent from last month's preliminary production estimate.

**Production per cow** in the 24 major States averaged 2,125 pounds for March, 4 pounds above March 2024.

**The number of milk cows** on farms in the 24 major States was 8.96 million head, 72,000 head more than March 2024, and 9,000 head more than February 2025.

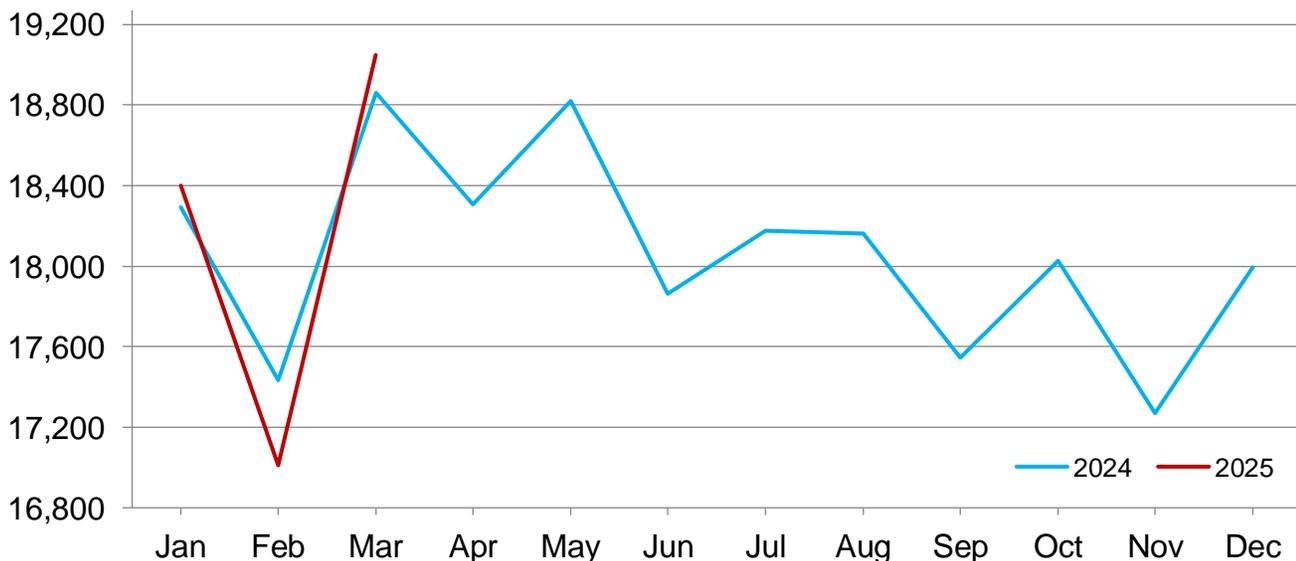
## January-March Milk Production down 0.3 Percent

**Milk production** in the United States during the January - March quarter totaled 56.7 billion pounds, down 0.3 percent from the January - March quarter last year.

**The average number of milk cows** in the United States during the quarter was 9.40 million head, 36,000 head more than the October - December quarter, and 58,000 head more than the same period last year.

## Monthly Milk Production - 24 Selected States

Million pounds



## Milk Cows and Production by Quarter – United States: 2024-2025

[May not add due to rounding. Blank data cells indicate estimation period has not yet begun]

Quarter	Milk cows <sup>1</sup>		Milk per cow <sup>2</sup>		Milk production <sup>2</sup>		Change from 2024
	2024	2025	2024	2025	2024	2025	
	(1,000 head)	(1,000 head)	(pounds)	(pounds)	(million pounds)	(million pounds)	(percent)
January-March .....	9,338	9,396	6,098	6,039	56,943	56,746	-0.3
April-June .....	9,330		6,145		57,333		
July-September .....	9,341		6,004		56,085		
October-December .....	9,360		5,930		55,507		
Annual .....	9,342		24,178		225,868		

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

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

## Milk Cows and Production by Month – 24 Selected States: 2024-2025

[May not add due to rounding. Blank data cells indicate estimation period has not yet begun]

Month	Milk cows <sup>1</sup>		Milk per cow <sup>2</sup>		Milk production <sup>2</sup>		Change from 2024
	2024	2025	2024	2025	2024	2025	
	(1,000 head)	(1,000 head)	(pounds)	(pounds)	(million pounds)	(million pounds)	(percent)
January .....	8,871	8,950	2,062	2,056	18,293	18,401	0.6
February .....	8,888	8,955	1,961	1,900	17,432	17,011	-2.4
March .....	8,892	8,964	2,121	2,125	18,861	19,049	1.0
April .....	8,890		2,059		18,305		
May .....	8,886		2,118		18,821		
June .....	8,878		2,012		17,861		
July .....	8,886		2,045		18,175		
August .....	8,903		2,040		18,164		
September .....	8,911		1,969		17,544		
October .....	8,927		2,019		18,025		
November .....	8,919		1,936		17,270		
December .....	8,916		2,018		17,996		
Annual .....	8,897		24,362		216,747		

<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: 2024-2025

[May not add due to rounding. Blank data cells indicate estimation period has not yet begun]

Month	Milk cows <sup>1</sup>		Milk per cow <sup>2</sup>		Milk production <sup>2</sup>		Change from 2024
	2024	2025	2024	2025	2024	2025	
	(1,000 head)	(1,000 head)	(pounds)	(pounds)	(million pounds)	(million pounds)	(percent)
January .....	9,324	9,389	2,047	2,042	19,083	19,173	0.5
February .....	9,343	9,396	1,946	1,886	18,185	17,725	-2.5
March .....	9,347	9,404	2,105	2,111	19,675	19,848	0.9
April .....	9,336		2,044		19,082		
May .....	9,331		2,103		19,624		
June .....	9,323		1,998		18,627		
July .....	9,326		2,029		18,918		
August .....	9,344		2,023		18,906		
September .....	9,353		1,952		18,261		
October .....	9,367		2,004		18,775		
November .....	9,359		1,922		17,988		
December .....	9,355		2,004		18,744		
Annual .....	9,342		24,178		225,868		

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

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

## Milk Cows and Production – 24 Selected States: March 2024 and 2025

[May not add due to rounding]

State	Milk cows <sup>1</sup>		Milk per cow <sup>2</sup>		Milk production <sup>2</sup>		Change from 2024
	2024	2025	2024	2025	2024	2025	
	(1,000 head)	(1,000 head)	(pounds)	(pounds)	(million pounds)	(million pounds)	(percent)
Arizona .....	193	192	2,280	2,275	440	437	-0.7
California .....	1,709	1,710	2,140	2,095	3,657	3,582	-2.1
Colorado .....	203	208	2,235	2,235	454	465	2.4
Florida .....	100	95	1,925	1,960	193	186	-3.6
Georgia .....	85	85	2,025	2,100	172	179	4.1
Idaho .....	668	697	2,145	2,145	1,433	1,495	4.3
Illinois .....	79	77	1,950	1,940	154	149	-3.2
Indiana .....	190	191	2,045	2,050	389	392	0.8
Iowa .....	242	245	2,150	2,125	520	521	0.2
Kansas .....	174	182	2,095	2,095	365	381	4.4
Michigan .....	439	443	2,370	2,380	1,040	1,054	1.3
Minnesota .....	446	440	2,005	2,030	894	893	-0.1
New Mexico .....	240	242	2,200	2,215	528	536	1.5
New York .....	630	630	2,185	2,215	1,377	1,395	1.3
Ohio .....	255	252	1,930	1,970	492	496	0.8
Oregon .....	116	116	1,820	1,810	211	210	-0.5
Pennsylvania .....	465	464	1,860	1,865	865	865	-
South Dakota .....	212	221	1,950	1,965	413	434	5.1
Texas .....	643	688	2,225	2,275	1,431	1,565	9.4
Utah .....	91	91	1,960	1,965	178	179	0.6
Vermont .....	115	113	1,860	1,905	214	215	0.5
Virginia .....	67	66	1,860	1,890	125	125	-
Washington .....	260	251	2,080	2,065	541	518	-4.3
Wisconsin .....	1,270	1,265	2,185	2,195	2,775	2,777	0.1
24-State Total .....	8,892	8,964	2,121	2,125	18,861	19,049	1.0

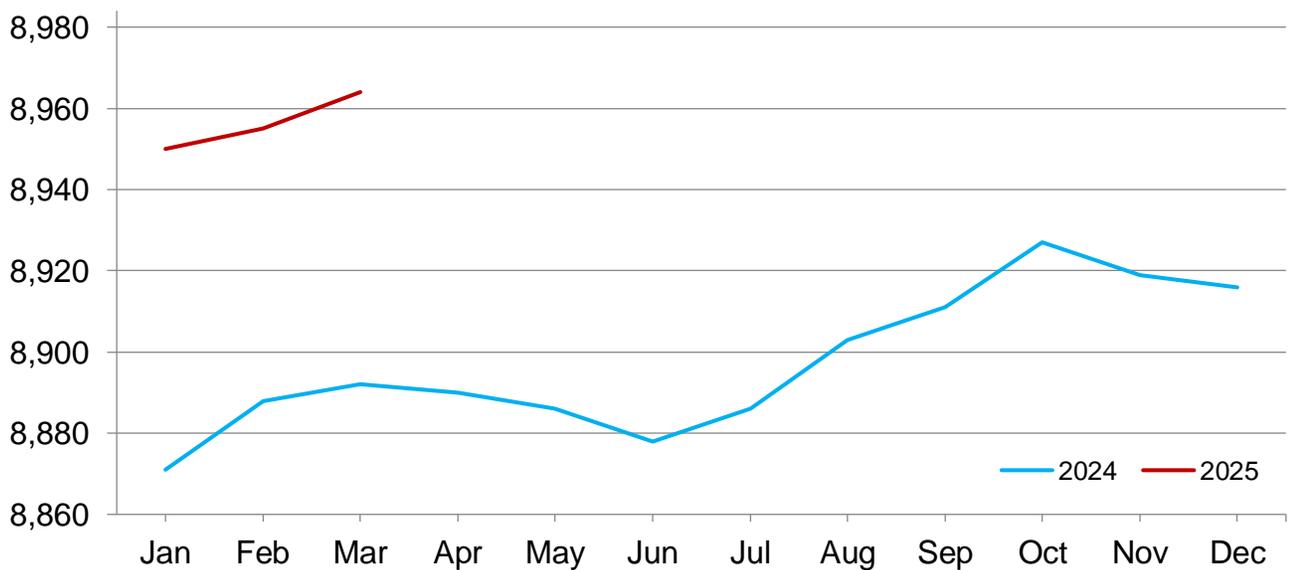
- Represents zero.

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

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

## Monthly Milk Cows - 24 Selected States

Thousand head



## Milk Cows and Production – 24 Selected States: February 2024 and 2025

[May not add due to rounding]

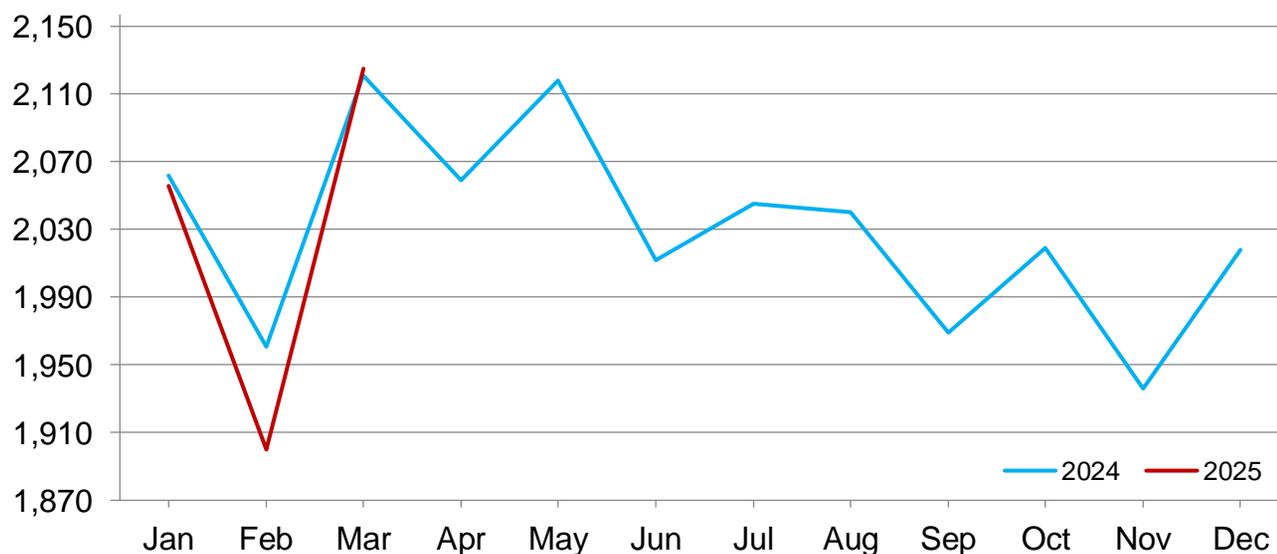
State	Milk cows <sup>1</sup>		Milk per cow <sup>2</sup>		Milk production <sup>2</sup>		Change from 2024
	2024	2025	2024	2025	2024	2025	
	(1,000 head)	(1,000 head)	(pounds)	(pounds)	(million pounds)	(million pounds)	(percent)
Arizona .....	193	192	2,070	2,015	400	387	-3.3
California .....	1,709	1,709	1,970	1,850	3,367	3,162	-6.1
Colorado .....	201	208	2,070	2,005	416	417	0.2
Florida .....	98	95	1,750	1,760	172	167	-2.9
Georgia .....	86	85	1,850	1,920	159	163	2.5
Idaho .....	665	697	1,970	1,945	1,310	1,356	3.5
Illinois .....	79	77	1,785	1,730	141	133	-5.7
Indiana .....	190	191	1,870	1,840	355	351	-1.1
Iowa .....	242	245	2,000	1,900	484	466	-3.7
Kansas .....	174	181	1,935	1,870	337	338	0.3
Michigan .....	439	443	2,200	2,125	966	941	-2.6
Minnesota .....	448	440	1,860	1,825	833	803	-3.6
New Mexico .....	243	240	2,030	1,975	493	474	-3.9
New York .....	630	630	2,010	1,985	1,266	1,251	-1.2
Ohio .....	254	252	1,785	1,760	453	444	-2.0
Oregon .....	116	116	1,655	1,620	192	188	-2.1
Pennsylvania .....	465	464	1,710	1,670	795	775	-2.5
South Dakota .....	210	221	1,825	1,790	383	396	3.4
Texas .....	645	683	2,110	2,040	1,361	1,393	2.4
Utah .....	90	91	1,820	1,770	164	161	-1.8
Vermont .....	116	113	1,725	1,700	200	192	-4.0
Virginia .....	67	66	1,710	1,675	115	111	-3.5
Washington .....	258	251	1,930	1,845	498	463	-7.0
Wisconsin .....	1,270	1,265	2,025	1,960	2,572	2,479	-3.6
24-State Total .....	8,888	8,955	1,961	1,900	17,432	17,011	-2.4

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

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

## Monthly Milk Per Cow - 24 Selected States

Pounds



## Milk Cows and Production – States and United States: Revised October - December 2023 and 2024

[May not add due to rounding]

State	October - December milk cows <sup>1</sup>		October - December milk production <sup>2</sup>		
	2023	2024	2023	2024	Change from 2023
	(1,000 head)	(1,000 head)	(million pounds)	(million pounds)	(percent)
Alabama .....	2.0	2.0	5.5	6.0	9.1
Alaska .....	(D)	(D)	(D)	(D)	(NA)
Arizona .....	199.0	189.0	1,196.0	1,137.0	-4.9
Arkansas .....	2.3	2.0	6.5	5.5	-15.4
California .....	1,710.0	1,709.0	10,013.0	9,365.0	-6.5
Colorado .....	197.0	205.0	1,277.0	1,329.0	4.1
Connecticut .....	17.5	17.5	104.0	104.0	-
Delaware .....	2.6	2.6	11.4	11.2	-1.8
Florida .....	99.0	97.0	485.0	477.0	-1.6
Georgia .....	88.0	85.0	471.0	496.0	5.3
Hawaii .....	(D)	(D)	(D)	(D)	(NA)
Idaho .....	663.0	680.0	4,068.0	4,290.0	5.5
Illinois .....	79.0	77.0	418.0	412.0	-1.4
Indiana .....	190.0	190.0	1,118.0	1,129.0	1.0
Iowa .....	239.0	244.0	1,460.0	1,500.0	2.7
Kansas .....	175.0	180.0	1,043.0	1,071.0	2.7
Kentucky .....	43.0	41.0	211.0	200.0	-5.2
Louisiana .....	7.0	7.0	22.0	21.0	-4.5
Maine .....	24.0	24.0	129.0	133.0	3.1
Maryland .....	40.0	38.0	210.0	201.0	-4.3
Massachusetts .....	9.0	9.0	43.0	44.0	2.3
Michigan .....	439.0	440.0	2,970.0	3,025.0	1.9
Minnesota .....	450.0	441.0	2,575.0	2,569.0	-0.2
Mississippi .....	5.5	5.0	16.0	14.5	-9.4
Missouri .....	60.0	56.0	201.0	185.0	-8.0
Montana .....	9.0	8.5	50.0	48.0	-4.0
Nebraska .....	53.0	49.0	326.0	309.0	-5.2
Nevada .....	32.0	31.0	188.0	197.0	4.8
New Hampshire .....	9.5	9.5	50.0	50.0	-
New Jersey .....	4.0	3.8	21.0	20.0	-4.8
New Mexico .....	255.0	241.0	1,528.0	1,461.0	-4.4
New York .....	630.0	630.0	3,953.0	3,988.0	0.9
North Carolina .....	38.0	37.0	217.0	203.0	-6.5
North Dakota .....	10.5	9.5	60.0	56.0	-6.7
Ohio .....	255.0	251.0	1,406.0	1,409.0	0.2
Oklahoma .....	37.0	40.0	167.0	184.0	10.2
Oregon .....	120.0	115.0	616.0	593.0	-3.7
Pennsylvania .....	466.0	465.0	2,401.0	2,409.0	0.3
Rhode Island .....	0.5	0.5	2.3	2.1	-8.7
South Carolina .....	8.0	8.0	35.0	35.0	-
South Dakota .....	202.0	215.0	1,155.0	1,259.0	9.0
Tennessee .....	25.0	24.0	114.0	107.0	-6.1
Texas .....	635.0	675.0	4,086.0	4,408.0	7.9
Utah .....	88.0	91.0	507.0	522.0	3.0
Vermont .....	116.0	113.0	619.0	616.0	-0.5
Virginia .....	68.0	66.0	350.0	342.0	-2.3
Washington .....	257.0	256.0	1,531.0	1,504.0	-1.8
West Virginia .....	4.5	4.0	16.5	14.5	-12.1
Wisconsin .....	1,270.0	1,266.0	7,962.0	7,980.0	0.2
Wyoming .....	9.0	9.0	62.0	62.9	1.5
Other States <sup>3</sup> .....	0.8	0.9	1.7	2.0	17.6
United States .....	9,344.0	9,360.0	55,478.0	55,507.0	0.1

- Represents zero.

(D) Withheld to avoid disclosing data for individual operations.

(NA) Not available.

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

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

<sup>3</sup> Other States includes Alaska and Hawaii.

# Milk Cows and Production – States and United States: Preliminary January - March 2024 and 2025

[May not add due to rounding]

State	January - March milk cows <sup>1</sup>		January - March milk production <sup>2</sup>		
	2024	2025	2024	2025	Change from 2024
	(1,000 head)	(1,000 head)	(million pounds)	(million pounds)	(percent)
Alabama .....	2.5	(D)	8.0	(D)	(NA)
Alaska .....	(D)	(D)	(D)	(D)	(NA)
Arizona .....	194.0	192.0	1,257.0	1,236.0	-1.7
Arkansas .....	2.3	(D)	7.5	(D)	(NA)
California .....	1,709.0	1,710.0	10,562.0	10,096.0	-4.4
Colorado .....	201.0	207.0	1,307.0	1,336.0	2.2
Connecticut .....	17.5	(D)	107.0	(D)	(NA)
Delaware .....	2.6	(D)	12.9	(D)	(NA)
Florida .....	99.0	95.0	545.0	532.0	-2.4
Georgia .....	86.0	85.0	498.0	516.0	3.6
Hawaii .....	(D)	(D)	(D)	(D)	(NA)
Idaho .....	665.0	698.0	4,125.0	4,342.0	5.3
Illinois .....	79.0	77.0	442.0	426.0	-3.6
Indiana .....	190.0	191.0	1,124.0	1,131.0	0.6
Iowa .....	241.0	245.0	1,510.0	1,497.0	-0.9
Kansas .....	174.0	181.0	1,053.0	1,087.0	3.2
Kentucky .....	43.0	41.0	223.0	208.0	-6.7
Louisiana .....	8.0	(D)	29.0	(D)	(NA)
Maine .....	24.0	24.0	134.0	137.0	2.2
Maryland .....	40.0	38.0	222.0	209.0	-5.9
Massachusetts .....	9.0	(D)	44.0	(D)	(NA)
Michigan .....	439.0	443.0	3,024.0	3,018.0	-0.2
Minnesota .....	448.0	440.0	2,605.0	2,576.0	-1.1
Mississippi .....	5.5	(D)	19.0	(D)	(NA)
Missouri .....	59.0	56.0	209.0	199.0	-4.8
Montana .....	9.0	(D)	51.0	(D)	(NA)
Nebraska .....	51.0	49.0	315.0	306.0	-2.9
Nevada .....	32.0	32.0	190.0	200.0	5.3
New Hampshire .....	9.5	(D)	52.0	(D)	(NA)
New Jersey .....	4.0	(D)	22.0	(D)	(NA)
New Mexico .....	241.0	240.0	1,532.0	1,516.0	-1.0
New York .....	630.0	630.0	3,975.0	4,007.0	0.8
North Carolina .....	38.0	36.0	228.0	207.0	-9.2
North Dakota .....	10.0	(D)	58.0	(D)	(NA)
Ohio .....	255.0	252.0	1,426.0	1,423.0	-0.2
Oklahoma .....	39.0	41.0	188.0	195.0	3.7
Oregon .....	116.0	116.0	602.0	604.0	0.3
Pennsylvania .....	465.0	464.0	2,495.0	2,482.0	-0.5
Rhode Island .....	0.5	(D)	2.3	(D)	(NA)
South Carolina .....	8.0	(D)	39.0	(D)	(NA)
South Dakota .....	211.0	220.0	1,196.0	1,261.0	5.4
Tennessee .....	25.0	23.0	118.0	105.0	-11.0
Texas .....	641.0	683.0	4,186.0	4,443.0	6.1
Utah .....	90.0	91.0	516.0	517.0	0.2
Vermont .....	116.0	113.0	625.0	618.0	-1.1
Virginia .....	67.0	66.0	361.0	355.0	-1.7
Washington .....	258.0	252.0	1,562.0	1,492.0	-4.5
West Virginia .....	4.0	(D)	15.0	(D)	(NA)
Wisconsin .....	1,270.0	1,265.0	8,058.0	7,950.0	-1.3
Wyoming .....	9.0	(D)	62.0	(D)	(NA)
Other States <sup>3</sup> .....	0.8	99.7	1.7	518.6	(NA)
United States .....	9,338.0	9,396.0	56,943.0	56,746.0	-0.3

(D) Withheld to avoid disclosing data for individual operations.

(NA) Not available.

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

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

<sup>3</sup> Other States includes states not published.

## Statistical Methodology

**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 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 Cattle Surveys.

**Estimation Procedures:** Regional Field 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, milk per cow, and number of milk cows are subject to revision the following month after initial publication for monthly States or the following quarter for the quarterly States. Normally, administrative data from Federal Market Orders, State Departments of Agriculture, or other sources are the main basis for revisions. However, administrative data for all States may not be available in time for these revisions. 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 production estimates over the past 20 quarters is 0.2 percent. This means that chances are 2 out of 3 that the final estimate will not be above or below the current estimate of 56.7 billion pounds by more than 0.2 percent. Chances are 9 out of 10 that the difference will not exceed 0.3 percent.

### Reliability of Quarterly Milk Production Estimates

[Based on data for the past 20 quarters]

Item	Root mean square error	90 percent confidence level	Difference between first and latest estimate				
			Average	Smallest	Largest	Quarters	
						Below latest	Above latest
	(percent)	(percent)	(1,000)	(1,000)	(1,000)	(number)	(number)
Milk production .....	0.2	0.3	77	4	184	10	10
All milk cows .....	0.1	0.2	9	1	29	9	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@usda.gov](mailto:nass@usda.gov).

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- All reports are available electronically, at no cost, on the NASS web site: [www.nass.usda.gov](http://www.nass.usda.gov).
- Both national and state specific reports are available via a free e-mail subscription. To set-up this free subscription, visit [www.nass.usda.gov](http://www.nass.usda.gov) and click on “National” or “State” in upper right corner above “search” box to create an account and select the reports you would like to receive.
- Cornell’s Mann Library has launched a new website housing NASS’s and other agency’s archived reports. The new website, <https://usda.library.cornell.edu>. All email subscriptions containing reports will be sent from the new website, <https://usda.library.cornell.edu>. To continue receiving the reports via e-mail, you will have to go to the new website, create a new account and re-subscribe to the reports. If you need instructions to set up an account or subscribe, they are located at: <https://usda.library.cornell.edu/help>. You should whitelist [notifications@usda-esmis.library.cornell.edu](mailto:notifications@usda-esmis.library.cornell.edu) in your email client to avoid the emails going into spam/junk folders.

For more information on NASS surveys and reports, call the NASS Agricultural Statistics Hotline at (800) 727-9540, 7:30 a.m. to 4:00 p.m. ET, or e-mail: [nass@usda.gov](mailto:nass@usda.gov).

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Spring 2025

# USDA Data Users' Meeting

April 29

12 p.m. ET on Zoom



## USDA Spring Data Users' Meeting

**Virtual Meeting**

**April 29, 2025**

**Starting at 12:00 pm ET**

USDA's National Agricultural Statistics Service (NASS) will hold a virtual meeting for users of U.S. domestic and international agriculture data. NASS is organizing the 2025 Spring Data Users' Meeting in cooperation with five other USDA agencies – Agricultural Marketing Service, Economic Research Service, Farm Service Agency, Foreign Agricultural Service, and World Agricultural Outlook Board – and the Census Bureau's Foreign Trade Division. Representatives will provide agency updates, answer questions, and listen to concerns from data users.

For registration details or additional information about the Data Users' Meeting, see the meeting page on the NASS website ([https://www.nass.usda.gov/go/data\\_users](https://www.nass.usda.gov/go/data_users)).