



Milk Production

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January Milk Production up 0.2 percent

Milk production in the 24 major States during January totaled 18.3 billion pounds, up 0.2 percent from January 2024. December revised production, at 18.0 billion pounds, was down 0.2 percent from December 2023. The December revision represented no change from last month's preliminary production estimate.

Production per cow in the 24 major States averaged 2,054 pounds for January, 8 pounds below January 2024.

The number of milk cows on farms in the 24 major States was 8.93 million head, up 54,000 head from January 2024, and up 9,000 head from December 2024.

2024 Annual Milk Production down 0.2 percent from 2023

The annual production of milk for the United States during 2024 was 226 billion pounds, down 0.2 percent from 2023. Revisions to 2023 production decreased the annual total 53 million pounds. Revised 2024 production was up 14 million pounds from last month's publication. Annual total milk production has increased 8.3 percent from 2015.

Production per cow in the United States averaged 24,178 pounds for 2024, 61 pounds above 2023. The average annual rate of milk production per cow has increased 8.1 percent from 2015.

The average number of milk cows on farms in the United States during 2024 was 9.34 million head, down 42,000 head from 2023. The average number of milk cows was revised up 3,000 head for 2024. The average annual number of milk cows has increased 0.2 percent from 2015.

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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 ¹		Milk per cow ²		Milk production ²		
	2024	2025	2024	2025	2024	2025	Change from 2024
	(1,000 head)	(1,000 head)	(pounds)	(pounds)	(million pounds)	(million pounds)	(percent)
January-March	9,338		6,098		56,943		
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		

¹ Includes dry cows. Excludes heifers not yet fresh.

² 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 ¹		Milk per cow ²		Milk production ²		
	2024	2025	2024	2025	2024	2025	Change from 2024
	(1,000 head)	(1,000 head)	(pounds)	(pounds)	(million pounds)	(million pounds)	(percent)
January	8,871	8,925	2,062	2,054	18,293	18,329	0.2
February	8,888		1,961		17,432		
March	8,892		2,121		18,861		
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		

¹ Includes dry cows. Excludes heifers not yet fresh.

² 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 ¹		Milk per cow ²		Milk production ²		
	2024	2025	2024	2025	2024	2025	Change from 2024
	(1,000 head)	(1,000 head)	(pounds)	(pounds)	(million pounds)	(million pounds)	(percent)
January	9,324	9,365	2,047	2,040	19,083	19,100	0.1
February	9,343		1,946		18,185		
March	9,347		2,105		19,675		
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		

¹ Includes dry cows. Excludes heifers not yet fresh.

² Excludes milk sucked by calves.

Milk Cows and Production – 24 Selected States: January 2024 and 2025

[May not add due to rounding]

State	Milk cows ¹		Milk per cow ²		Milk production ²		Change from 2024
	2024	2025	2024	2025	2024	2025	
	(1,000 head)	(1,000 head)	(pounds)	(pounds)	(million pounds)	(million pounds)	(percent)
Arizona	196	188	2,125	2,125	417	400	-4.1
California	1,709	1,710	2,070	1,950	3,538	3,335	-5.7
Colorado	198	205	2,205	2,205	437	452	3.4
Florida	98	95	1,835	1,870	180	178	-1.1
Georgia	87	85	1,925	2,030	167	173	3.6
Idaho	663	690	2,085	2,130	1,382	1,470	6.4
Illinois	79	77	1,855	1,860	147	143	-2.7
Indiana	190	190	2,000	2,025	380	385	1.3
Iowa	240	245	2,110	2,110	506	517	2.2
Kansas	174	180	2,020	2,035	351	366	4.3
Michigan	439	440	2,320	2,330	1,018	1,025	0.7
Minnesota	449	440	1,955	1,990	878	876	-0.2
New Mexico	240	237	2,130	2,130	511	505	-1.2
New York	630	630	2,115	2,155	1,332	1,358	2.0
Ohio	255	251	1,885	1,925	481	483	0.4
Oregon	115	116	1,730	1,750	199	203	2.0
Pennsylvania	465	465	1,795	1,810	835	842	0.8
South Dakota	210	217	1,905	1,965	400	426	6.5
Texas	635	675	2,195	2,200	1,394	1,485	6.5
Utah	89	91	1,950	1,950	174	177	1.7
Vermont	116	113	1,820	1,865	211	211	-
Virginia	67	66	1,800	1,780	121	117	-3.3
Washington	257	254	2,035	2,000	523	508	-2.9
Wisconsin	1,270	1,265	2,135	2,130	2,711	2,694	-0.6
24-State Total	8,871	8,925	2,062	2,054	18,293	18,329	0.2

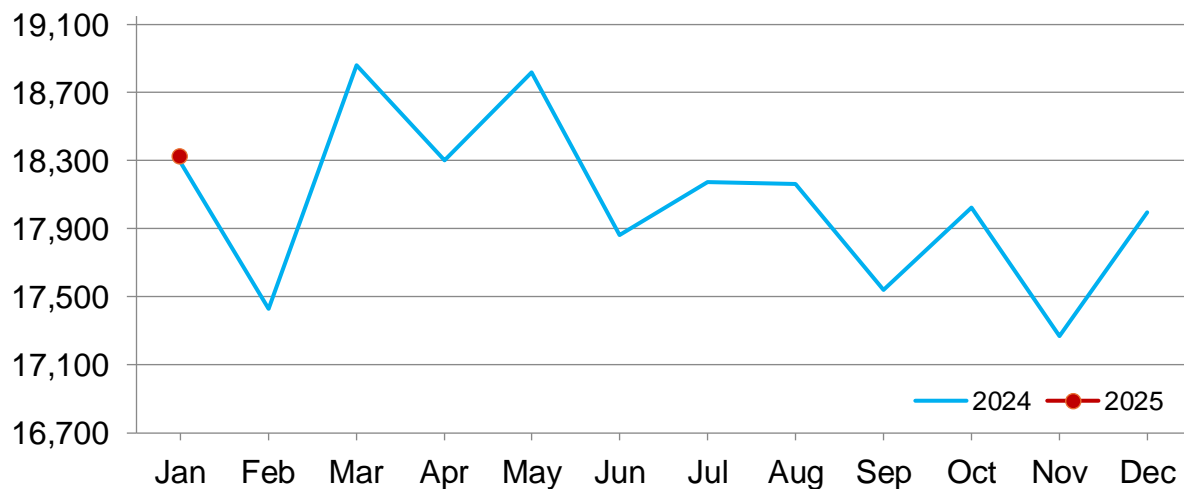
- Represents zero.

¹ Includes dry cows. Excludes heifers not yet fresh.

² Excludes milk sucked by calves.

Monthly Milk Production – 24 Selected States

Million pounds



Milk Production (February 2025)

USDA, National Agricultural Statistics Service

Milk Cows and Production – 24 Selected States: December 2023 and 2024

[May not add due to rounding]

State	Milk cows ¹		Milk per cow ²		Milk production ²		Change from 2023
	2023	2024	2023	2024	2023	2024	
	(1,000 head)	(1,000 head)	(pounds)	(pounds)	(million pounds)	(million pounds)	(percent)
Arizona	197	189	2,090	2,095	412	396	-3.9
California	1,709	1,709	2,015	1,855	3,444	3,170	-8.0
Colorado	197	205	2,190	2,195	431	450	4.4
Florida	98	96	1,705	1,745	167	168	0.6
Georgia	88	85	1,820	2,010	160	171	6.9
Idaho	663	685	2,060	2,115	1,366	1,449	6.1
Illinois	79	77	1,820	1,830	144	141	-2.1
Indiana	190	190	1,995	2,010	379	382	0.8
Iowa	239	245	2,060	2,060	492	505	2.6
Kansas	175	180	1,990	1,995	348	359	3.2
Michigan	439	440	2,285	2,315	1,003	1,019	1.6
Minnesota	450	440	1,930	1,965	869	865	-0.5
New Mexico	250	240	2,045	2,060	511	494	-3.3
New York	630	630	2,110	2,135	1,329	1,345	1.2
Ohio	255	250	1,870	1,910	477	478	0.2
Oregon	120	111	1,725	1,710	207	190	-8.2
Pennsylvania	465	465	1,765	1,765	821	821	-
South Dakota	207	215	1,895	1,965	392	422	7.7
Texas	635	675	2,170	2,195	1,378	1,482	7.5
Utah	89	91	1,925	1,935	171	176	2.9
Vermont	116	113	1,800	1,840	209	208	-0.5
Virginia	68	66	1,750	1,780	119	117	-1.7
Washington	258	254	2,010	1,970	519	500	-3.7
Wisconsin	1,270	1,265	2,115	2,125	2,686	2,688	0.1
24-State Total	8,887	8,916	2,029	2,018	18,034	17,996	-0.2

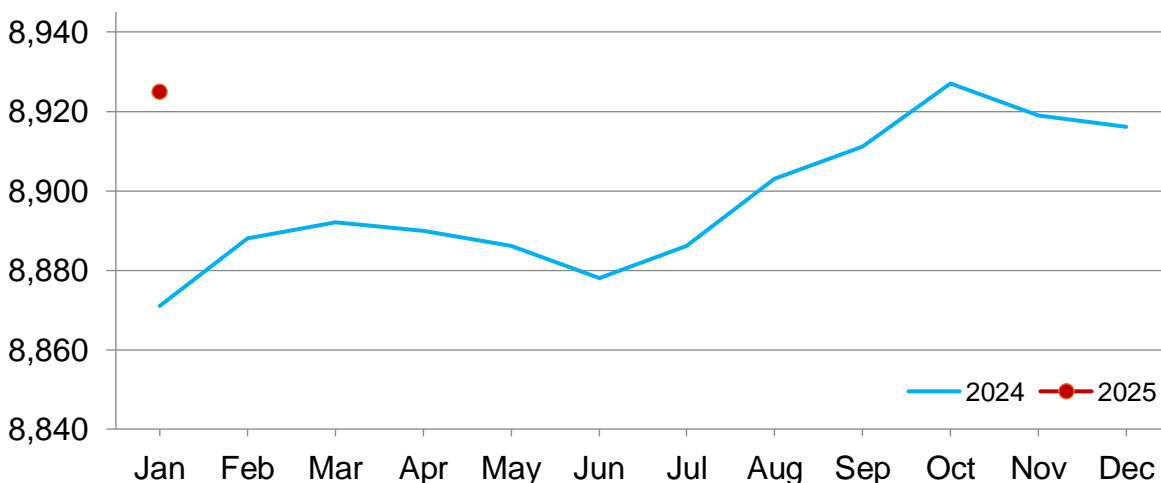
- Represents zero.

¹ Includes dry cows. Excludes heifers not yet fresh.

² Excludes milk sucked by calves.

Monthly Milk Cows – 24 Selected States

Thousand head



Milk Cows and Production – United States: 2015-2024

[May not add due to rounding]

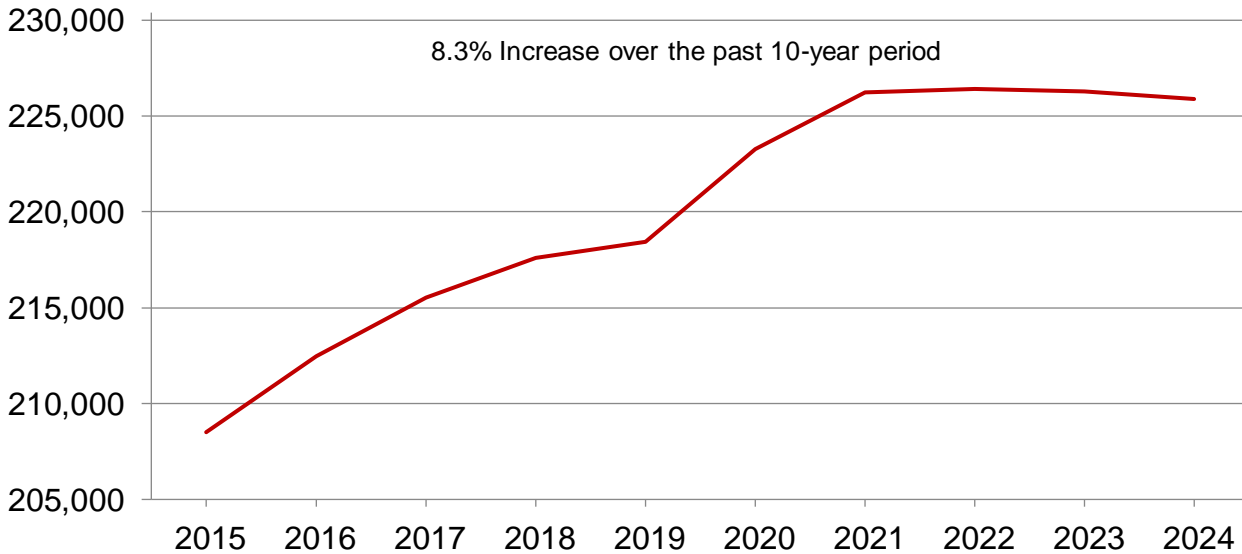
Year	Milk cows ¹ (1,000 head)	Production per cow ²		Milk production ²
		Milk (pounds)	Total (million pounds)	
2015	9,320	22,372	208,508	
2016	9,334	22,761	212,451	
2017	9,406	22,914	215,527	
2018	9,398	23,152	217,584	
2019	9,335	23,401	218,444	
2020	9,396	23,764	223,282	
2021	9,449	23,943	226,238	
2022	9,400	24,087	226,416	
2023	9,384	24,117	226,311	
2024	9,342	24,178	225,868	

¹ Average number during year, excluding heifers not yet fresh.

² Excludes milk sucked by calves.

Milk Production – United States: 2015-2024

Million pounds



Milk Cows and Production – States and United States: 2023 and 2024

[May not add due to rounding]

State	Milk cows ¹		Milk per cow ²		Milk production ²		Change from 2023
	2023	2024	2023	2024	2023	2024	
	(1,000 head)	(1,000 head)	(pounds)	(pounds)	(million pounds)	(million pounds)	(percent)
Alabama	2.3	2.3	11,739	11,739	27.0	27.0	-
Alaska	(D)	(D)	(D)	(D)	(D)	(D)	(NA)
Arizona	198.0	192.0	24,348	24,438	4,821.0	4,692.0	-2.7
Arkansas	2.7	2.1	12,222	12,381	33.0	26.0	-21.2
California	1,714.0	1,708.0	23,862	23,585	40,900.0	40,283.0	-1.5
Colorado	201.0	203.0	25,930	25,892	5,212.0	5,256.0	0.8
Connecticut	18.0	17.5	23,722	24,229	427.0	424.0	-0.7
Delaware	2.7	2.6	17,815	18,154	48.1	47.2	-1.9
Florida	97.0	99.0	21,093	20,505	2,046.0	2,030.0	-0.8
Georgia	89.0	85.0	21,730	22,953	1,934.0	1,951.0	0.9
Hawaii	(D)	(D)	(D)	(D)	(D)	(D)	(NA)
Idaho	667.0	671.0	25,228	25,370	16,827.0	17,023.0	1.2
Illinois	79.0	78.0	21,620	21,782	1,708.0	1,699.0	-0.5
Indiana	190.0	190.0	23,753	23,753	4,513.0	4,513.0	-
Iowa	240.0	243.0	24,679	24,749	5,923.0	6,014.0	1.5
Kansas	175.0	177.0	23,857	23,876	4,175.0	4,226.0	1.2
Kentucky	45.0	42.0	20,333	20,143	915.0	846.0	-7.5
Louisiana	7.5	7.5	13,467	12,400	101.0	93.0	-7.9
Maine	25.0	24.0	21,680	22,667	542.0	544.0	0.4
Maryland	40.0	39.0	21,150	21,000	846.0	819.0	-3.2
Massachusetts	9.0	9.0	20,000	20,000	180.0	180.0	-
Michigan	438.0	438.0	27,523	27,680	12,055.0	12,124.0	0.6
Minnesota	452.0	444.0	23,226	23,405	10,498.0	10,392.0	-1.0
Mississippi	6.0	5.5	12,333	11,818	74.0	65.0	-12.2
Missouri	62.0	57.0	13,984	14,000	867.0	798.0	-8.0
Montana	9.5	8.5	22,105	23,294	210.0	198.0	-5.7
Nebraska	54.0	50.0	24,815	24,940	1,340.0	1,247.0	-6.9
Nevada	32.0	31.0	23,781	25,097	761.0	778.0	2.2
New Hampshire	9.5	9.5	21,789	21,474	207.0	204.0	-1.4
New Jersey	4.0	3.9	21,500	21,538	86.0	84.0	-2.3
New Mexico	271.0	240.0	24,587	24,717	6,663.0	5,932.0	-11.0
New York	630.0	630.0	25,492	25,559	16,060.0	16,102.0	0.3
North Carolina	38.0	38.0	23,526	22,553	894.0	857.0	-4.1
North Dakota	11.5	9.5	23,478	24,000	270.0	228.0	-15.6
Ohio	253.0	253.0	22,364	22,506	5,658.0	5,694.0	0.6
Oklahoma	39.0	40.0	17,692	18,450	690.0	738.0	7.0
Oregon	122.0	117.0	20,934	20,957	2,554.0	2,452.0	-4.0
Pennsylvania	466.0	465.0	21,157	21,037	9,859.0	9,782.0	-0.8
Rhode Island	0.5	0.5	19,200	17,200	9.6	8.6	-10.4
South Carolina	8.5	8.0	17,412	18,125	148.0	145.0	-2.0
South Dakota	195.0	213.0	23,015	23,239	4,488.0	4,950.0	10.3
Tennessee	25.0	24.0	18,680	18,708	467.0	449.0	-3.9
Texas	642.0	657.0	25,802	25,932	16,565.0	17,037.0	2.8
Utah	90.0	91.0	23,178	23,297	2,086.0	2,120.0	1.6
Vermont	117.0	114.0	21,675	21,746	2,536.0	2,479.0	-2.2
Virginia	68.0	67.0	20,882	20,851	1,420.0	1,397.0	-1.6
Washington	258.0	259.0	24,136	24,124	6,227.0	6,248.0	0.3
West Virginia	4.5	4.0	14,889	14,750	67.0	59.0	-11.9
Wisconsin	1,270.0	1,269.0	25,294	25,493	32,123.0	32,351.0	0.7
Wyoming	9.5	9.0	25,674	27,578	243.9	248.2	1.8
Other States ³	0.9	0.9	7,444	8,778	6.7	7.9	17.9
United States	9,384.0	9,342.0	24,117	24,178	226,311.0	225,868.0	-0.2

- Represents zero.

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

(NA) Not available.

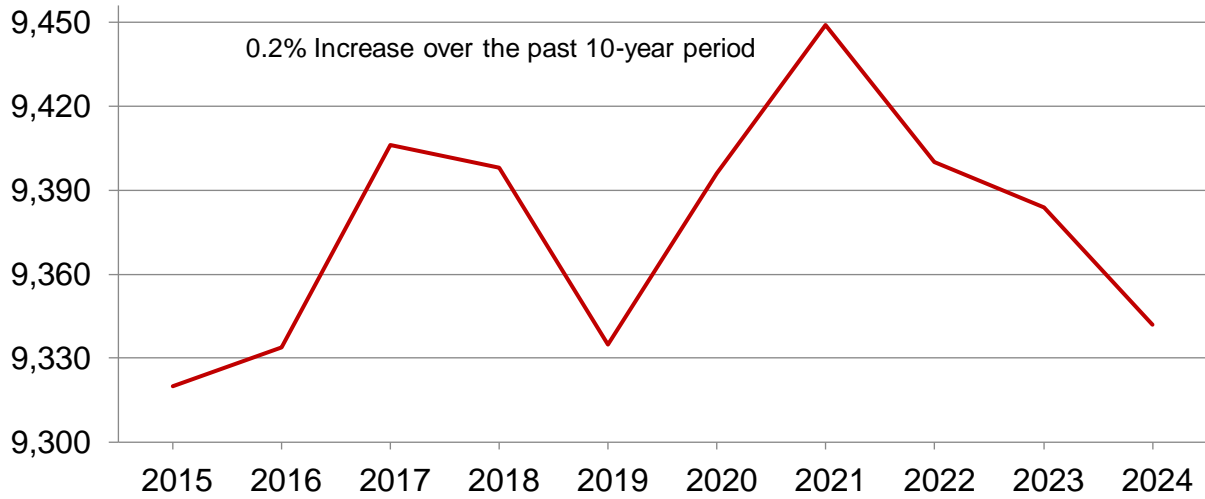
¹ Average number during year, excluding heifers not yet fresh.

² Excludes milk sucked by calves.

³ Other States includes Alaska and Hawaii.

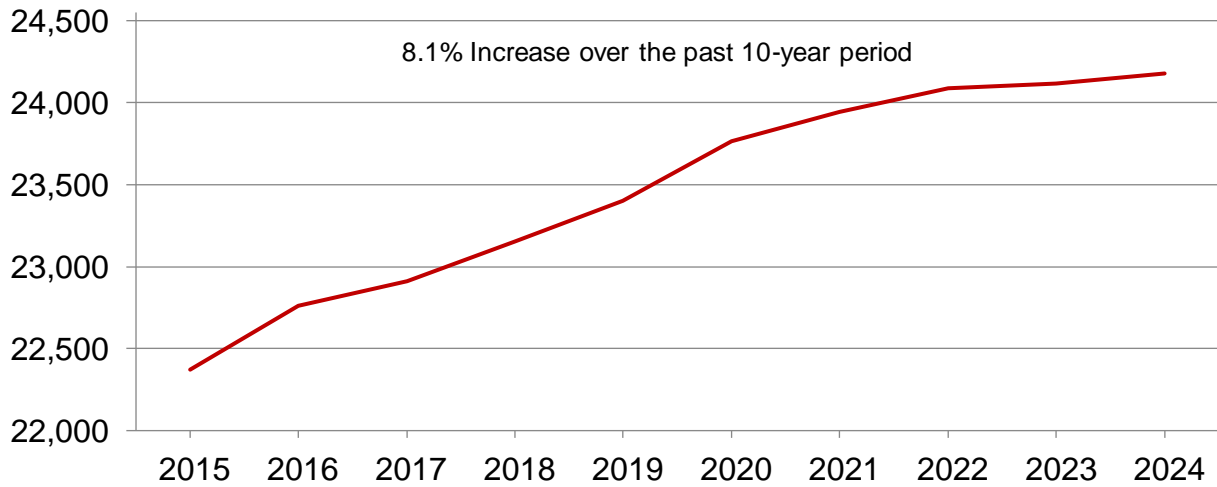
Milk Cows – United States: 2015-2024

Thousand head



Production per Cow – United States: 2015-2024

Pounds



Milk Cows by Month – 24 Selected States, 24 State Total, and United States: 2023

[Includes dry cows, excludes heifers not yet fresh]

State	January (1,000 head)	February (1,000 head)	March (1,000 head)	April (1,000 head)	May (1,000 head)	June (1,000 head)
Arizona	194	194	194	196	198	200
California	1,719	1,718	1,717	1,717	1,715	1,714
Colorado	200	201	203	205	206	204
Florida	94	95	95	95	96	97
Georgia	91	89	89	89	89	89
Idaho	664	668	669	669	670	670
Illinois	79	79	79	79	79	79
Indiana	188	189	189	189	189	189
Iowa	240	240	240	239	240	240
Kansas	175	178	180	180	179	175
Michigan	435	435	435	436	436	438
Minnesota	455	455	454	454	454	452
New Mexico	282	280	281	282	280	275
New York	630	630	630	630	630	630
Ohio	251	252	252	252	252	252
Oregon	124	124	126	125	122	120
Pennsylvania	466	466	466	466	466	466
South Dakota	187	189	189	189	193	195
Texas	650	655	660	645	645	635
Utah	91	90	90	90	91	91
Vermont	118	118	118	118	118	117
Virginia	68	68	67	67	67	68
Washington	255	257	260	261	258	258
Wisconsin	1,270	1,270	1,269	1,268	1,270	1,269
24-State total	8,926	8,940	8,952	8,941	8,943	8,923
United States ¹	9,405	9,420	9,432	9,412	9,414	9,392

State	July (1,000 head)	August (1,000 head)	September (1,000 head)	October (1,000 head)	November (1,000 head)	December (1,000 head)	Annual average ² (1,000 head)
Arizona	198	201	201	201	199	197	198
California	1,714	1,713	1,712	1,711	1,710	1,709	1,714
Colorado	200	198	198	198	197	197	201
Florida	99	99	100	100	99	98	97
Georgia	89	89	89	89	88	88	89
Idaho	666	666	665	663	663	663	667
Illinois	79	79	79	79	79	79	79
Indiana	190	190	191	191	190	190	190
Iowa	242	240	240	239	239	239	240
Kansas	169	169	172	175	176	175	175
Michigan	439	439	439	439	439	439	438
Minnesota	451	450	451	451	449	450	452
New Mexico	270	270	265	260	255	250	271
New York	630	630	630	630	630	630	630
Ohio	253	253	255	255	255	255	253
Oregon	120	120	120	119	120	120	122
Pennsylvania	466	466	466	466	466	465	466
South Dakota	197	197	198	198	202	207	195
Texas	635	635	635	635	635	635	642
Utah	91	90	88	88	88	89	90
Vermont	117	117	116	116	116	116	117
Virginia	68	68	69	69	68	68	68
Washington	257	257	257	257	257	258	258
Wisconsin	1,269	1,269	1,270	1,270	1,270	1,270	1,270
24-State Total	8,909	8,905	8,906	8,899	8,890	8,887	8,918
United States ¹	9,367	9,363	9,365	9,351	9,342	9,339	9,384

¹ United States monthly estimates are derived by proportionally allocating the quarterly estimates using the 24-state monthly totals.

² Average based on monthly totals.

Milk Cows by Month – 24 Selected States, 24 State Total, and United States: 2024

[Includes dry cows, excludes heifers not yet fresh]

State	January	February	March	April	May	June
	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)
Arizona	196	193	193	193	192	190
California	1,709	1,709	1,709	1,709	1,708	1,707
Colorado	198	201	203	203	203	202
Florida	98	98	100	102	100	98
Georgia	87	86	85	85	85	85
Idaho	663	665	668	669	666	667
Illinois	79	79	79	79	78	78
Indiana	190	190	190	189	189	189
Iowa	240	242	242	243	243	242
Kansas	174	174	174	173	173	173
Michigan	439	439	439	438	438	436
Minnesota	449	448	446	446	446	444
New Mexico	240	243	240	235	238	238
New York	630	630	630	630	630	630
Ohio	255	254	255	255	253	252
Oregon	115	116	116	118	118	118
Pennsylvania	465	465	465	465	465	465
South Dakota	210	210	212	212	212	213
Texas	635	645	643	640	645	650
Utah	89	90	91	91	91	91
Vermont	116	116	115	115	114	114
Virginia	67	67	67	67	67	66
Washington	257	258	260	261	260	260
Wisconsin	1,270	1,270	1,270	1,272	1,272	1,270
24-State total	8,871	8,888	8,892	8,890	8,886	8,878
United States ¹	9,324	9,343	9,347	9,336	9,331	9,323

State	July	August	September	October	November	December	Annual average ²
	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)
Arizona	190	192	192	190	189	189	192
California	1,707	1,707	1,708	1,709	1,709	1,709	1,708
Colorado	200	200	202	206	204	205	203
Florida	98	98	98	98	96	96	99
Georgia	85	85	85	85	85	85	85
Idaho	667	672	672	676	680	685	671
Illinois	78	77	77	77	77	77	78
Indiana	189	189	189	189	190	190	190
Iowa	241	241	243	244	244	245	243
Kansas	177	178	181	181	180	180	177
Michigan	436	437	438	439	440	440	438
Minnesota	442	442	442	442	442	440	444
New Mexico	239	239	240	242	240	240	240
New York	630	630	630	630	630	630	630
Ohio	252	252	251	251	251	250	253
Oregon	117	118	118	118	116	111	117
Pennsylvania	465	465	465	465	465	465	465
South Dakota	213	214	215	215	215	215	213
Texas	660	670	670	675	675	675	657
Utah	92	92	91	91	91	91	91
Vermont	114	113	113	113	113	113	114
Virginia	66	66	66	66	66	66	67
Washington	260	260	259	259	255	254	259
Wisconsin	1,268	1,266	1,266	1,266	1,266	1,265	1,269
24-State total	8,886	8,903	8,911	8,927	8,919	8,916	8,897
United States ¹	9,326	9,344	9,353	9,367	9,359	9,355	9,342

¹ United States monthly estimates are derived by proportionally allocating the quarterly estimates using the 24-state monthly totals.

² Average based on monthly totals.

Milk Produced per Cow by Month – 24 Selected States, 24 State Total, and United States: 2023

[Excludes milk sucked by calves]

State	January (pounds)	February (pounds)	March (pounds)	April (pounds)	May (pounds)	June (pounds)
Arizona	2,115	2,000	2,270	2,185	2,190	2,030
California	2,055	1,905	2,120	2,060	2,125	1,995
Colorado	2,205	1,995	2,230	2,165	2,235	2,145
Florida	1,915	1,795	2,010	1,905	1,940	1,815
Georgia	1,900	1,790	1,980	1,890	1,890	1,790
Idaho	2,120	1,935	2,160	2,105	2,215	2,145
Illinois	1,850	1,710	1,930	1,860	1,915	1,835
Indiana	2,030	1,845	2,080	2,010	2,070	2,010
Iowa	2,095	1,915	2,130	2,065	2,135	2,070
Kansas	2,040	1,850	2,065	2,000	2,055	1,955
Michigan	2,345	2,135	2,380	2,310	2,400	2,310
Minnesota	1,970	1,795	1,990	1,925	1,995	1,945
New Mexico	2,155	1,955	2,220	2,135	2,160	2,000
New York	2,135	1,950	2,170	2,130	2,230	2,155
Ohio	1,885	1,730	1,945	1,875	1,945	1,875
Oregon	1,760	1,620	1,820	1,770	1,830	1,760
Pennsylvania	1,820	1,675	1,870	1,835	1,855	1,770
South Dakota	1,925	1,750	1,940	1,895	1,975	1,925
Texas	2,230	2,025	2,280	2,190	2,240	2,095
Utah	1,945	1,770	1,960	1,930	2,030	1,980
Vermont	1,855	1,665	1,860	1,820	1,890	1,805
Virginia	1,780	1,640	1,865	1,800	1,845	1,720
Washington	2,030	1,865	2,080	2,035	2,095	2,010
Wisconsin	2,125	1,935	2,155	2,095	2,185	2,130
24-State total	2,071	1,897	2,118	2,057	2,126	2,033
United States ¹	2,054	1,881	2,101	2,041	2,109	2,018

State	July (pounds)	August (pounds)	September (pounds)	October (pounds)	November (pounds)	December (pounds)	Annual average ² (pounds)
Arizona	1,910	1,850	1,835	1,960	1,960	2,090	24,348
California	1,940	1,930	1,875	1,935	1,905	2,015	23,862
Colorado	2,205	2,200	2,125	2,175	2,105	2,190	25,930
Florida	1,680	1,605	1,510	1,580	1,615	1,705	21,093
Georgia	1,765	1,740	1,665	1,765	1,750	1,820	21,730
Idaho	2,195	2,175	2,065	2,080	1,995	2,060	25,228
Illinois	1,810	1,720	1,705	1,745	1,720	1,820	21,620
Indiana	2,005	1,970	1,910	1,965	1,915	1,995	23,753
Iowa	2,100	2,065	2,010	2,060	1,990	2,060	24,679
Kansas	1,985	1,970	1,955	2,015	1,945	1,990	23,857
Michigan	2,360	2,330	2,225	2,285	2,195	2,285	27,523
Minnesota	2,000	1,970	1,905	1,935	1,855	1,930	23,226
New Mexico	1,995	2,005	1,960	2,000	1,950	2,045	24,587
New York	2,190	2,185	2,070	2,125	2,040	2,110	25,492
Ohio	1,900	1,890	1,795	1,845	1,800	1,870	22,364
Oregon	1,800	1,775	1,715	1,745	1,675	1,725	20,934
Pennsylvania	1,755	1,755	1,670	1,710	1,680	1,765	21,157
South Dakota	1,985	1,975	1,925	1,955	1,860	1,895	23,015
Texas	2,110	2,110	2,095	2,175	2,090	2,170	25,802
Utah	2,000	1,980	1,910	1,940	1,875	1,925	23,178
Vermont	1,840	1,845	1,750	1,805	1,735	1,800	21,675
Virginia	1,740	1,730	1,650	1,700	1,670	1,750	20,882
Washington	2,050	2,050	1,995	2,010	1,925	2,010	24,136
Wisconsin	2,180	2,155	2,075	2,120	2,035	2,115	25,294
24-State total	2,044	2,028	1,958	2,008	1,946	2,029	24,316
United States ¹	2,026	2,010	1,940	1,993	1,931	2,013	24,117

¹ United States monthly estimates are derived by proportionally allocating the quarterly estimates using the 24-state monthly totals.

² Average per cow for the year.

Milk Produced per Cow by Month – 24 Selected States, 24 State Total, and United States: 2024

[Excludes milk sucked by calves]

State	January (pounds)	February (pounds)	March (pounds)	April (pounds)	May (pounds)	June (pounds)
Arizona	2,125	2,070	2,280	2,180	2,185	2,015
California	2,070	1,970	2,140	2,065	2,095	1,960
Colorado	2,205	2,070	2,235	2,170	2,230	2,090
Florida	1,835	1,750	1,925	1,875	1,780	1,715
Georgia	1,925	1,850	2,025	1,965	1,945	1,860
Idaho	2,085	1,970	2,145	2,110	2,160	2,095
Illinois	1,855	1,785	1,950	1,880	1,930	1,800
Indiana	2,000	1,870	2,045	1,995	2,055	1,980
Iowa	2,110	2,000	2,150	2,095	2,150	2,020
Kansas	2,020	1,935	2,095	1,980	2,065	1,945
Michigan	2,320	2,200	2,370	2,310	2,375	2,280
Minnesota	1,955	1,860	2,005	1,945	2,020	1,930
New Mexico	2,130	2,030	2,200	2,120	2,170	2,020
New York	2,115	2,010	2,185	2,140	2,230	2,130
Ohio	1,885	1,785	1,930	1,880	1,930	1,865
Oregon	1,730	1,655	1,820	1,765	1,840	1,765
Pennsylvania	1,795	1,710	1,860	1,805	1,825	1,725
South Dakota	1,905	1,825	1,950	1,900	1,975	1,915
Texas	2,195	2,110	2,225	2,135	2,235	2,110
Utah	1,950	1,820	1,960	1,935	2,030	1,975
Vermont	1,820	1,725	1,860	1,800	1,885	1,800
Virginia	1,800	1,710	1,860	1,825	1,820	1,715
Washington	2,035	1,930	2,080	2,040	2,105	2,015
Wisconsin	2,135	2,025	2,185	2,130	2,220	2,120
24-State total	2,062	1,961	2,121	2,059	2,118	2,012
United States ¹	2,047	1,946	2,105	2,044	2,103	1,998

State	July (pounds)	August (pounds)	September (pounds)	October (pounds)	November (pounds)	December (pounds)	Annual average ² (pounds)
Arizona	1,905	1,860	1,850	1,960	1,955	2,095	24,438
California	1,940	1,980	1,880	1,870	1,755	1,855	23,585
Colorado	2,155	2,205	2,140	2,185	2,105	2,195	25,892
Florida	1,695	1,590	1,520	1,570	1,615	1,745	20,505
Georgia	1,845	1,850	1,800	1,930	1,890	2,010	22,953
Idaho	2,200	2,200	2,105	2,145	2,045	2,115	25,370
Illinois	1,800	1,740	1,700	1,780	1,740	1,830	21,782
Indiana	2,015	1,985	1,930	1,990	1,950	2,010	23,753
Iowa	2,085	2,060	2,000	2,080	1,995	2,060	24,749
Kansas	2,000	2,005	1,960	2,005	1,940	1,995	23,876
Michigan	2,360	2,320	2,250	2,330	2,235	2,315	27,680
Minnesota	1,980	1,965	1,920	1,965	1,890	1,965	23,405
New Mexico	2,055	2,010	1,970	2,055	1,960	2,060	24,717
New York	2,180	2,160	2,080	2,130	2,065	2,135	25,559
Ohio	1,920	1,910	1,820	1,880	1,830	1,910	22,506
Oregon	1,805	1,785	1,710	1,760	1,680	1,710	20,957
Pennsylvania	1,735	1,725	1,675	1,725	1,690	1,765	21,037
South Dakota	1,985	1,990	1,935	1,990	1,900	1,965	23,239
Texas	2,155	2,155	2,085	2,225	2,110	2,195	25,932
Utah	2,010	1,980	1,910	1,935	1,870	1,935	23,297
Vermont	1,820	1,825	1,750	1,840	1,770	1,840	21,746
Virginia	1,730	1,720	1,645	1,705	1,690	1,780	20,851
Washington	2,040	2,055	1,990	2,000	1,905	1,970	24,124
Wisconsin	2,170	2,140	2,075	2,130	2,050	2,125	25,493
24-State total	2,045	2,040	1,969	2,019	1,936	2,018	24,362
United States ¹	2,029	2,023	1,952	2,004	1,922	2,004	24,178

¹ United States monthly estimates are derived by proportionally allocating the quarterly estimates using the 24-state monthly totals.

² Average per cow for the year.

Milk Production by Month – 24 Selected States, 24 State Total, and United States: 2023

[Excludes milk sucked by calves]

State	January (million pounds)	February (million pounds)	March (million pounds)	April (million pounds)	May (million pounds)	June (million pounds)
Arizona	410	388	440	428	434	406
California	3,533	3,273	3,640	3,537	3,644	3,419
Colorado	441	401	453	444	460	438
Florida	180	171	191	181	186	176
Georgia	173	159	176	168	168	159
Idaho	1,408	1,293	1,445	1,408	1,484	1,437
Illinois	146	135	152	147	151	145
Indiana	382	349	393	380	391	380
Iowa	503	460	511	494	512	497
Kansas	357	329	372	360	368	342
Michigan	1,020	929	1,035	1,007	1,046	1,012
Minnesota	896	817	903	874	906	879
New Mexico	608	547	624	602	605	550
New York	1,345	1,229	1,367	1,342	1,405	1,358
Ohio	473	436	490	473	490	473
Oregon	218	201	229	221	223	211
Pennsylvania	848	781	871	855	864	825
South Dakota	360	331	367	358	381	375
Texas	1,450	1,326	1,505	1,413	1,445	1,330
Utah	177	159	176	174	185	180
Vermont	219	196	219	215	223	211
Virginia	121	112	125	121	124	117
Washington	518	479	541	531	541	519
Wisconsin	2,699	2,457	2,735	2,656	2,775	2,703
24-State total	18,485	16,958	18,960	18,389	19,011	18,142
United States ¹	19,318	17,723	19,815	19,207	19,856	18,949

State	July (million pounds)	August (million pounds)	September (million pounds)	October (million pounds)	November (million pounds)	December (million pounds)	Annual total ² (million pounds)
Arizona	378	372	369	394	390	412	4,821
California	3,325	3,306	3,210	3,311	3,258	3,444	40,900
Colorado	441	436	421	431	415	431	5,212
Florida	166	159	151	158	160	167	2,046
Georgia	157	155	148	157	154	160	1,934
Idaho	1,462	1,449	1,373	1,379	1,323	1,366	16,827
Illinois	143	136	135	138	136	144	1,708
Indiana	381	374	365	375	364	379	4,513
Iowa	508	496	482	492	476	492	5,923
Kansas	335	333	336	353	342	348	4,175
Michigan	1,036	1,023	977	1,003	964	1,003	12,055
Minnesota	902	887	859	873	833	869	10,498
New Mexico	539	541	519	520	497	511	6,663
New York	1,380	1,377	1,304	1,339	1,285	1,329	16,060
Ohio	481	478	458	470	459	477	5,658
Oregon	216	213	206	208	201	207	2,554
Pennsylvania	818	818	778	797	783	821	9,859
South Dakota	391	389	381	387	376	392	4,488
Texas	1,340	1,340	1,330	1,381	1,327	1,378	16,565
Utah	182	178	168	171	165	171	2,086
Vermont	215	216	203	209	201	209	2,536
Virginia	118	118	114	117	114	119	1,420
Washington	527	527	513	517	495	519	6,227
Wisconsin	2,766	2,735	2,635	2,692	2,584	2,686	32,123
24-State total	18,207	18,056	17,435	17,872	17,302	18,034	216,851
United States ¹	18,977	18,817	18,171	18,633	18,042	18,803	226,311

¹ United States monthly estimates are derived by proportionally allocating the quarterly estimates using the 24-state monthly totals.

² Total milk production for the year.

Milk Production by Month – 24 Selected States, 24 State Total, and United States: 2024

[Excludes milk sucked by calves]

State	January	February	March	April	May	June
	(million pounds)	(million pounds)	(million pounds)	(million pounds)	(million pounds)	(million pounds)
Arizona	417	400	440	421	420	383
California	3,538	3,367	3,657	3,529	3,578	3,346
Colorado	437	416	454	441	453	422
Florida	180	172	193	191	178	168
Georgia	167	159	172	167	165	158
Idaho	1,382	1,310	1,433	1,412	1,439	1,397
Illinois	147	141	154	149	151	140
Indiana	380	355	389	377	388	374
Iowa	506	484	520	509	522	489
Kansas	351	337	365	343	357	336
Michigan	1,018	966	1,040	1,012	1,040	994
Minnesota	878	833	894	867	901	857
New Mexico	511	493	528	498	516	481
New York	1,332	1,266	1,377	1,348	1,405	1,342
Ohio	481	453	492	479	488	470
Oregon	199	192	211	208	217	208
Pennsylvania	835	795	865	839	849	802
South Dakota	400	383	413	403	419	408
Texas	1,394	1,361	1,431	1,366	1,442	1,372
Utah	174	164	178	176	185	180
Vermont	211	200	214	207	215	205
Virginia	121	115	125	122	122	113
Washington	523	498	541	532	547	524
Wisconsin	2,711	2,572	2,775	2,709	2,824	2,692
24-State total	18,293	17,432	18,861	18,305	18,821	17,861
United States ¹	19,083	18,185	19,675	19,082	19,624	18,627

State	July	August	September	October	November	December	Annual total ²
	(million pounds)	(million pounds)	(million pounds)	(million pounds)	(million pounds)	(million pounds)	(million pounds)
Arizona	362	357	355	372	369	396	4,692
California	3,312	3,380	3,211	3,196	2,999	3,170	40,283
Colorado	431	441	432	450	429	450	5,256
Florida	166	156	149	154	155	168	2,030
Georgia	157	157	153	164	161	171	1,951
Idaho	1,467	1,478	1,415	1,450	1,391	1,449	17,023
Illinois	140	134	131	137	134	141	1,699
Indiana	381	375	365	376	371	382	4,513
Iowa	502	496	486	508	487	505	6,014
Kansas	354	357	355	363	349	359	4,226
Michigan	1,029	1,014	986	1,023	983	1,019	12,124
Minnesota	875	869	849	869	835	865	10,392
New Mexico	491	480	473	497	470	494	5,932
New York	1,373	1,361	1,310	1,342	1,301	1,345	16,102
Ohio	484	481	457	472	459	478	5,694
Oregon	211	211	202	208	195	190	2,452
Pennsylvania	807	802	779	802	786	821	9,782
South Dakota	423	426	416	428	409	422	4,950
Texas	1,422	1,444	1,397	1,502	1,424	1,482	17,037
Utah	185	182	174	176	170	176	2,120
Vermont	207	206	198	208	200	208	2,479
Virginia	114	114	109	113	112	117	1,397
Washington	530	534	515	518	486	500	6,248
Wisconsin	2,752	2,709	2,627	2,697	2,595	2,688	32,351
24-State total	18,175	18,164	17,544	18,025	17,270	17,996	216,747
United States ¹	18,918	18,906	18,261	18,775	17,988	18,744	225,868

¹ United States monthly estimates are derived by proportionally allocating the quarterly estimates using the 24-state monthly totals.

² Total milk production for the year.

Milk Cows and Production by Quarter – States and United States: 2023

[May not add due to rounding]

State	Milk cows ¹				Milk production ²			
	Jan-Mar (1,000 head)	Apr-Jun (1,000 head)	Jul-Sep (1,000 head)	Oct-Dec (1,000 head)	Jan-Mar (million pounds)	Apr-Jun (million pounds)	Jul-Sep (million pounds)	Oct-Dec (million pounds)
Alabama	2.5	2.5	2.0	2.0	9.0	7.5	5.0	5.5
Alaska	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Arizona	194.0	198.0	200.0	199.0	1,238.0	1,268.0	1,119.0	1,196.0
Arkansas	3.0	2.9	2.5	2.3	10.0	9.5	7.0	6.5
California	1,718.0	1,715.0	1,713.0	1,710.0	10,446.0	10,600.0	9,841.0	10,013.0
Colorado	201.0	205.0	199.0	197.0	1,295.0	1,342.0	1,298.0	1,277.0
Connecticut	18.5	18.0	17.5	17.5	109.0	109.0	105.0	104.0
Delaware	2.7	2.7	2.6	2.6	12.8	12.7	11.2	11.4
Florida	95.0	96.0	99.0	99.0	542.0	543.0	476.0	485.0
Georgia	90.0	89.0	89.0	88.0	508.0	495.0	460.0	471.0
Hawaii	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Idaho	667.0	670.0	666.0	663.0	4,146.0	4,329.0	4,284.0	4,068.0
Illinois	79.0	79.0	79.0	79.0	433.0	443.0	414.0	418.0
Indiana	189.0	189.0	190.0	190.0	1,124.0	1,151.0	1,120.0	1,118.0
Iowa	240.0	240.0	241.0	239.0	1,474.0	1,503.0	1,486.0	1,460.0
Kansas	178.0	178.0	170.0	175.0	1,058.0	1,070.0	1,004.0	1,043.0
Kentucky	46.0	45.0	44.0	43.0	245.0	244.0	215.0	211.0
Louisiana	8.0	8.0	7.0	7.0	30.0	29.0	20.0	22.0
Maine	25.0	25.0	25.0	24.0	135.0	142.0	136.0	129.0
Maryland	40.0	40.0	40.0	40.0	213.0	216.0	207.0	210.0
Massachusetts	9.0	9.0	9.0	9.0	45.0	47.0	45.0	43.0
Michigan	435.0	437.0	439.0	439.0	2,984.0	3,065.0	3,036.0	2,970.0
Minnesota	455.0	453.0	451.0	450.0	2,616.0	2,659.0	2,648.0	2,575.0
Mississippi	6.0	6.0	5.5	5.5	23.0	20.0	15.0	16.0
Missouri	64.0	63.0	60.0	60.0	223.0	240.0	203.0	201.0
Montana	9.5	9.5	9.0	9.0	53.0	55.0	52.0	50.0
Nebraska	55.0	55.0	54.0	53.0	340.0	345.0	329.0	326.0
Nevada	32.0	32.0	32.0	32.0	184.0	198.0	191.0	188.0
New Hampshire	10.0	9.5	9.5	9.5	53.0	53.0	51.0	50.0
New Jersey	4.1	4.0	3.9	4.0	22.0	22.0	21.0	21.0
New Mexico	281.0	279.0	268.0	255.0	1,779.0	1,757.0	1,599.0	1,528.0
New York	630.0	630.0	630.0	630.0	3,941.0	4,105.0	4,061.0	3,953.0
North Carolina	39.0	38.0	38.0	38.0	235.0	229.0	213.0	217.0
North Dakota	13.0	12.0	11.0	10.5	73.0	71.0	66.0	60.0
Ohio	252.0	252.0	254.0	255.0	1,399.0	1,436.0	1,417.0	1,406.0
Oklahoma	41.0	39.0	37.0	37.0	195.0	179.0	149.0	167.0
Oregon	125.0	122.0	120.0	120.0	648.0	655.0	635.0	616.0
Pennsylvania	466.0	466.0	466.0	466.0	2,500.0	2,544.0	2,414.0	2,401.0
Rhode Island	0.5	0.5	0.5	0.5	2.4	2.5	2.4	2.3
South Carolina	8.5	8.5	8.0	8.0	41.0	40.0	32.0	35.0
South Dakota	188.0	192.0	197.0	202.0	1,058.0	1,114.0	1,161.0	1,155.0
Tennessee	26.0	25.0	25.0	25.0	123.0	119.0	111.0	114.0
Texas	655.0	642.0	635.0	635.0	4,281.0	4,188.0	4,010.0	4,086.0
Utah	90.0	91.0	90.0	88.0	512.0	539.0	528.0	507.0
Vermont	118.0	118.0	117.0	116.0	634.0	649.0	634.0	619.0
Virginia	68.0	67.0	68.0	68.0	358.0	362.0	350.0	350.0
Washington	257.0	259.0	257.0	257.0	1,538.0	1,591.0	1,567.0	1,531.0
West Virginia	4.5	4.5	4.5	4.5	17.0	17.0	16.5	16.5
Wisconsin	1,270.0	1,269.0	1,269.0	1,270.0	7,891.0	8,134.0	8,136.0	7,962.0
Wyoming	9.0	9.5	9.5	9.0	58.6	60.8	62.5	62.0
Other States ³	0.9	0.9	0.9	0.8	1.5	1.8	1.7	1.7
United States	9,419.0	9,406.0	9,365.0	9,344.0	56,856.0	58,012.0	55,965.0	55,478.0

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

¹ Quarterly average includes dry cows, excludes heifers not yet fresh.

² Excludes milk sucked by calves.

³ Other States includes Alaska and Hawaii.

Milk Cows and Production by Quarter – States and United States: 2024

[May not add due to rounding]

State	Milk cows ¹				Milk production ²			
	Jan-Mar (1,000 head)	Apr-Jun (1,000 head)	Jul-Sep (1,000 head)	Oct-Dec (1,000 head)	Jan-Mar (million pounds)	Apr-Jun (million pounds)	Jul-Sep (million pounds)	Oct-Dec (million pounds)
Alabama	2.5	2.5	2.0	2.0	8.0	7.5	5.5	6.0
Alaska	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Arizona	194.0	192.0	191.0	189.0	1,257.0	1,224.0	1,074.0	1,137.0
Arkansas	2.3	2.0	2.0	2.0	7.5	7.0	6.0	5.5
California	1,709.0	1,708.0	1,707.0	1,709.0	10,562.0	10,453.0	9,903.0	9,365.0
Colorado	201.0	203.0	201.0	205.0	1,307.0	1,316.0	1,304.0	1,329.0
Connecticut	17.5	17.5	17.5	17.5	107.0	108.0	105.0	104.0
Delaware	2.6	2.6	2.6	2.6	12.9	12.3	10.8	11.2
Florida	99.0	100.0	98.0	97.0	545.0	537.0	471.0	477.0
Georgia	86.0	85.0	85.0	85.0	498.0	490.0	467.0	496.0
Hawaii	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Idaho	665.0	667.0	670.0	680.0	4,125.0	4,248.0	4,360.0	4,290.0
Illinois	79.0	78.0	77.0	77.0	442.0	440.0	405.0	412.0
Indiana	190.0	189.0	189.0	190.0	1,124.0	1,139.0	1,121.0	1,129.0
Iowa	241.0	243.0	242.0	244.0	1,510.0	1,520.0	1,484.0	1,500.0
Kansas	174.0	173.0	179.0	180.0	1,053.0	1,036.0	1,066.0	1,071.0
Kentucky	43.0	43.0	41.0	41.0	223.0	225.0	198.0	200.0
Louisiana	8.0	7.5	6.5	7.0	29.0	25.0	18.0	21.0
Maine	24.0	24.0	24.0	24.0	134.0	141.0	136.0	133.0
Maryland	40.0	38.0	38.0	38.0	222.0	199.0	197.0	201.0
Massachusetts	9.0	9.0	9.0	9.0	44.0	47.0	45.0	44.0
Michigan	439.0	437.0	437.0	440.0	3,024.0	3,046.0	3,029.0	3,025.0
Minnesota	448.0	445.0	442.0	441.0	2,605.0	2,625.0	2,593.0	2,569.0
Mississippi	5.5	5.5	5.0	5.0	19.0	18.0	13.5	14.5
Missouri	59.0	58.0	56.0	56.0	209.0	218.0	186.0	185.0
Montana	9.0	8.5	8.5	8.5	51.0	50.0	49.0	48.0
Nebraska	51.0	50.0	50.0	49.0	315.0	314.0	309.0	309.0
Nevada	32.0	31.0	31.0	31.0	190.0	195.0	196.0	197.0
New Hampshire	9.5	9.5	9.5	9.5	52.0	52.0	50.0	50.0
New Jersey	4.0	4.0	3.9	3.8	22.0	22.0	20.0	20.0
New Mexico	241.0	237.0	239.0	241.0	1,532.0	1,495.0	1,444.0	1,461.0
New York	630.0	630.0	630.0	630.0	3,975.0	4,095.0	4,044.0	3,988.0
North Carolina	38.0	38.0	37.0	37.0	228.0	225.0	201.0	203.0
North Dakota	10.0	9.5	9.5	9.5	58.0	57.0	57.0	56.0
Ohio	255.0	253.0	252.0	251.0	1,426.0	1,437.0	1,422.0	1,409.0
Oklahoma	39.0	40.0	41.0	40.0	188.0	190.0	176.0	184.0
Oregon	116.0	118.0	118.0	115.0	602.0	633.0	624.0	593.0
Pennsylvania	465.0	465.0	465.0	465.0	2,495.0	2,490.0	2,388.0	2,409.0
Rhode Island	0.5	0.5	0.5	0.5	2.3	2.2	2.0	2.1
South Carolina	8.0	8.0	8.0	8.0	39.0	39.0	32.0	35.0
South Dakota	211.0	212.0	214.0	215.0	1,196.0	1,230.0	1,265.0	1,259.0
Tennessee	25.0	24.0	24.0	24.0	118.0	115.0	109.0	107.0
Texas	641.0	645.0	667.0	675.0	4,186.0	4,180.0	4,263.0	4,408.0
Utah	90.0	91.0	92.0	91.0	516.0	541.0	541.0	522.0
Vermont	116.0	114.0	113.0	113.0	625.0	627.0	611.0	616.0
Virginia	67.0	67.0	66.0	66.0	361.0	357.0	337.0	342.0
Washington	258.0	260.0	260.0	256.0	1,562.0	1,603.0	1,579.0	1,504.0
West Virginia	4.0	4.0	4.0	4.0	15.0	15.0	14.5	14.5
Wisconsin	1,270.0	1,271.0	1,267.0	1,266.0	8,058.0	8,225.0	8,088.0	7,980.0
Wyoming	9.0	9.0	9.0	9.0	62.0	59.4	63.9	62.9
Other States ³	0.8	0.9	0.9	0.9	1.7	2.1	2.1	2.0
United States	9,338.0	9,330.0	9,341.0	9,360.0	56,943.0	57,333.0	56,085.0	55,507.0

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

¹ Quarterly average includes dry cows, excludes heifers not yet fresh.

² Excludes milk sucked by calves.

³ Other States includes Alaska and Hawaii.

Licensed Dairy Herds – States and United States: 2023 and 2024

State	Licensed dairy herds ¹	
	2023 (number)	2024 (number)
Alabama	10	10
Arizona	75	70
Arkansas	25	20
California	1,050	995
Colorado	110	95
Connecticut	85	85
Delaware	15	15
Florida	55	45
Georgia	85	80
Idaho	390	350
Illinois	435	415
Indiana	700	685
Iowa	750	705
Kansas	190	160
Kentucky	360	340
Louisiana	60	55
Maine	150	140
Maryland	300	290
Massachusetts	100	100
Michigan	850	845
Minnesota	1,855	1,690
Mississippi	40	30
Missouri	470	390
Montana	40	35
Nebraska	90	80
Nevada	20	20
New Hampshire	90	80
New Jersey	40	40
New Mexico	100	95
New York	3,030	2,880
North Carolina	120	105
North Dakota	35	25
Ohio	1,465	1,395
Oklahoma	75	65
Oregon	150	140
Pennsylvania	4,940	4,850
South Carolina	25	30
South Dakota	145	135
Tennessee	130	120
Texas	310	290
Utah	140	130
Vermont	500	490
Virginia	365	355
Washington	310	280
West Virginia	30	25
Wisconsin	5,920	5,520
Other States ²	17	15
United States	26,245	24,811

¹ Average number of dairy farms licensed to sell milk, based on counts collected from State and other regulatory agencies.

² 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 such as Agricultural Marketing Service (AMS) Dairy Market News. Indications of milk cow inventory are also obtained in the January Cattle Survey.

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 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 24 State milk production estimates over the past 24 months is 0.3 percent. This means that chances are 2 out of 3 that the final estimate will not be above or below the current estimate of 18.3 billion pounds by more than 0.3 percent. Chances are 9 out of 10 that the difference will not exceed 0.6 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
	(percent)	(percent)	(1,000)	(1,000)	(1,000)	(number)	(number)
Milk production	0.3	0.6	48	0	139	12	11
All Milk cows	0.1	0.2	8	0	25	9	14

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.

Travis Averill, Chief, Livestock Branch	(202) 692-0069
Scott Hollis, Head, Livestock Section	(202) 690-2424
Sherry Bertramsen – Livestock Slaughter	(202) 690-8632
Ryan Cowen – Cattle, Cattle on Feed	(202) 720-3040
Kim DaPra – Milk Production and Milk Cows	(202) 720-3278
Donnie Fike – Dairy Products	(202) 690-3347
Ralph Mondesir – Hogs and Pigs	(202) 720-3106
Suzanne Richards – Sheep and Goats	(202) 720-4448

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- 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 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 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.

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