



Milk Production

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January Milk Production up 1.0 percent

Milk production in the 23 major States during January totaled 16.1 billion pounds, up 1.0 percent from January 2013. December revised production at 15.7 billion pounds, was down 0.3 percent from December 2012. The December revision represented a decrease of 19 million pounds or 0.1 percent from last month's preliminary production estimate.

Production per cow in the 23 major States averaged 1,891 pounds for January, 17 pounds above January 2013.

The number of milk cows on farms in the 23 major States was 8.51 million head, 7,000 head more than January 2013, and 6,000 head more than December 2013.

2013 Annual Milk Production up 0.3 Percent from 2012

The annual production of milk for the United States during 2013 was 201 billion pounds, 0.3 percent above 2012. Revisions to 2012 production increased the annual total 213 million pounds. Revised 2013 production was up 32 million pounds from last month's publication.

Production per cow in the United States averaged 21,822 pounds for 2013, 102 pounds above 2012. The average annual rate of milk production per cow has increased 15.1 percent from 2004.

The average number of milk cows on farms in the United States during 2013 was 9.22 million head, down 0.1 percent from 2012. The average number of milk cows was revised down 5,000 head for 2013.

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Milk Cows and Production by Quarter – United States: 2013 - 2014

[May not add due to rounding.]

Quarter	Milk Cows ¹		Milk Per Cow ²		Milk Production ²		
	2013 ³	2014	2013 ³	2014	2013	2014	Change From 2013
	(1,000 Head)	(1,000 Head)	(Pounds)	(Pounds)	(Million Pounds)	(Million Pounds)	(Percent)
January-March					50,545		
April-June					51,997		
July-September	9,224		5,356		49,408		
October-December	9,201		5,355		49,268		
Annual	9,221		21,822		201,218		

¹ Includes dry cows. Excludes heifers not yet fresh.

² Excludes milk sucked by calves.

³ Survey was not conducted in April and July, resulting in no milk cow and milk per cow data for March through June. 2013 annual totals include modeled data.

Milk Cows and Production By Month – 23 Selected States: 2013 - 2014

Month	Milk cows ¹		Milk per cow ²		Milk production ²		
	2013 ³	2014	2013 ³	2014	2013	2014	Change from 2013
	(1,000 head)	(1,000 head)	(pounds)	(pounds)	(million pounds)	(million pounds)	(percent)
January	8,498	8,505	1,874	1,891	15,927	16,082	1.0
February	8,499		1,726		14,670		
March					16,455		
April					16,070		
May					16,605		
June					15,806		
July	8,520		1,842		15,697		
August	8,520		1,843		15,700		
September	8,504		1,741		14,807		
October	8,499		1,810		15,382		
November	8,494		1,759		14,941		
December	8,499		1,844		15,676		
Annual	8,506		22,069		187,736		

¹ Includes dry cows. Excludes heifers not yet fresh.

² Excludes milk sucked by calves.

³ Survey was not conducted in April and July, resulting in no milk cow and milk per cow data for March through June.

Estimated Milk Cows and Production By Month – United States: 2013 - 2014

Month	Milk cows ¹		Milk per cow ²		Milk production ²		
	2013 ³	2014	2013 ³	2014	2013	2014	Change from 2013
	(1,000 head)	(1,000 head)	(pounds)	(pounds)	(million pounds)	(million pounds)	(percent)
January	9,222	9,209	1,855	1,874	17,109	17,255	0.9
February	9,223		1,709		15,759		
March					17,677		
April					17,249		
May					17,813		
June					16,935		
July	9,235		1,818		16,788		
August	9,229		1,819		16,789		
September	9,208		1,719		15,831		
October	9,203		1,790		16,475		
November	9,198		1,740		16,003		
December	9,202		1,825		16,790		
Annual	9,221		21,822		201,218		

¹ Includes dry cows. Excludes heifers not yet fresh.

² Excludes milk sucked by calves.

³ Survey was not conducted in April and July, resulting in no milk cow and milk per cow data for March through June.

Milk Cows and Production – 23 Selected States: January 2013 and 2014

[May not add due to rounding.]

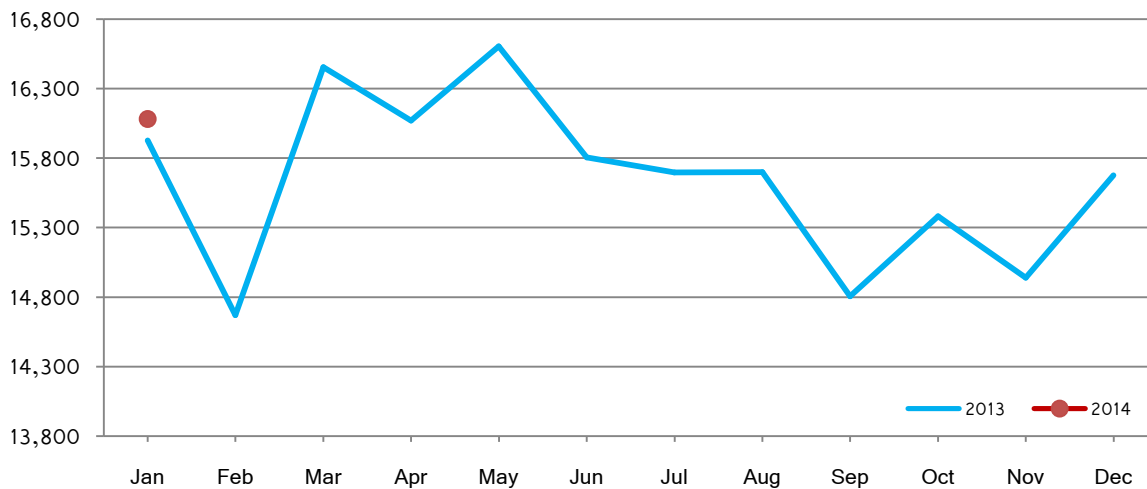
	Milk cows ¹		Milk per cow ²		Milk Production ²		
	2013	2014	2013	2014	2013	2014	Change from 2013
	(1,000 head)	(1,000 head)	(pounds)	(pounds)	(million pounds)	(million pounds)	(percent)
Arizona	190	192	2,075	2,070	394	397	0.8
California	1,780	1,781	1,945	2,035	3,462	3,624	4.7
Colorado	135	140	2,040	2,080	275	291	5.8
Florida	122	123	1,730	1,725	211	212	0.5
Idaho	579	565	1,910	1,965	1,106	1,110	0.4
Illinois	97	96	1,730	1,670	168	160	-4.8
Indiana	175	178	1,850	1,850	324	329	1.5
Iowa	206	205	1,940	1,905	400	391	-2.3
Kansas	132	137	1,855	1,880	245	258	5.3
Michigan	378	381	2,060	2,070	779	789	1.3
Minnesota	465	460	1,715	1,695	797	780	-2.1
Missouri	93	90	1,220	1,200	113	108	-4.4
New Mexico	320	323	2,150	2,110	688	682	-0.9
New York	610	615	1,855	1,845	1,132	1,135	0.3
Ohio	271	267	1,725	1,725	467	461	-1.3
Oregon	123	124	1,675	1,735	206	215	4.4
Pennsylvania	535	531	1,690	1,710	904	908	0.4
Texas	435	440	1,880	1,920	818	845	3.3
Utah	90	95	1,865	1,820	168	173	3.0
Vermont	134	132	1,650	1,690	221	223	0.9
Virginia	94	93	1,600	1,650	150	153	2.0
Washington	264	267	1,985	1,995	524	533	1.7
Wisconsin	1,270	1,270	1,870	1,815	2,375	2,305	-2.9
23-State Total	8,498	8,505	1,874	1,891	15,927	16,082	1.0

¹ Includes dry cows. Excludes heifers not yet fresh.

² Excludes milk sucked by calves.

Monthly Milk Production – 23 Selected States

Million pounds



Milk Cows and Production – 23 Selected States: December 2012 and 2013

State	Milk cows ¹		Milk per cow ²		Milk production ²		Change from 2012
	2012	2013	2012	2013	2012	2013	
	(1,000 head)	(1,000 head)	(pounds)	(pounds)	(million pounds)	(million pounds)	(percent)
Arizona	188	191	1,995	1,985	375	379	1.1
California	1,780	1,781	1,920	1,950	3,418	3,473	1.6
Colorado	135	140	2,020	2,055	273	288	5.5
Florida	122	123	1,580	1,600	193	197	2.1
Idaho	580	565	1,930	1,960	1,119	1,107	-1.1
Illinois	98	96	1,690	1,630	166	156	-6.0
Indiana	174	178	1,850	1,820	322	324	0.6
Iowa	205	206	1,935	1,870	397	385	-3.0
Kansas	131	136	1,845	1,845	242	251	3.7
Michigan	377	380	2,025	2,020	763	768	0.7
Minnesota	465	460	1,695	1,665	788	766	-2.8
Missouri	93	90	1,230	1,190	114	107	-6.1
New Mexico	321	323	2,100	2,050	674	662	-1.8
New York	610	613	1,830	1,820	1,116	1,116	-
Ohio	270	267	1,710	1,680	462	449	-2.8
Oregon	123	124	1,660	1,675	204	208	2.0
Pennsylvania	534	530	1,675	1,675	894	888	-0.7
Texas	433	440	1,855	1,820	803	801	-0.2
Utah	90	94	1,900	1,820	171	171	-
Vermont	134	132	1,630	1,650	218	218	-
Virginia	95	94	1,545	1,600	147	150	2.0
Washington	264	266	1,950	1,955	515	520	1.0
Wisconsin	1,270	1,270	1,850	1,805	2,350	2,292	-2.5
23-State Total	8,492	8,499	1,852	1,844	15,724	15,676	-0.3

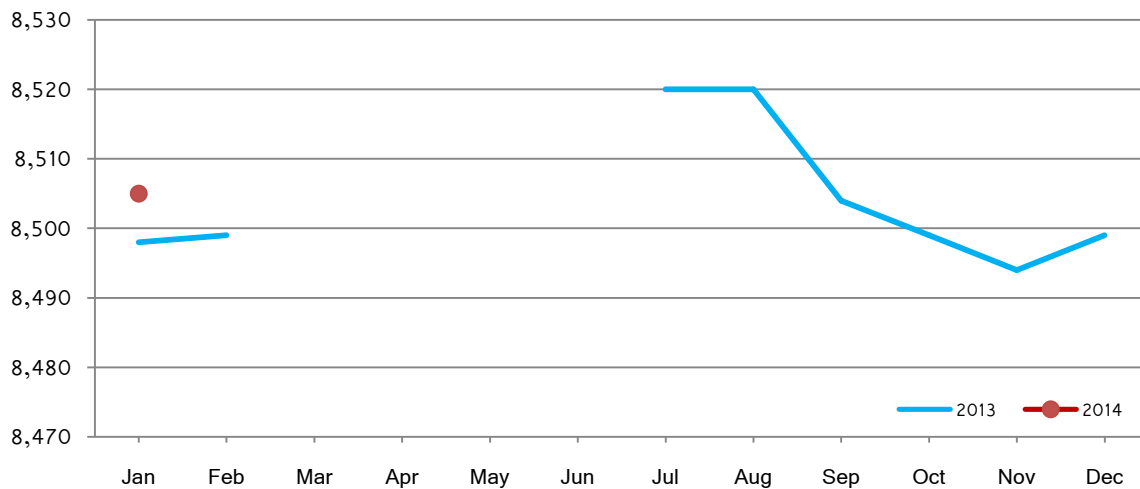
- Represents zero.

¹ Includes dry cows; excludes heifers not yet fresh.

² Excludes milk sucked by calves.

Monthly Milk Cows – 23 Selected States

Thousand head



Milk Cows and Production – United States: 2004-2013

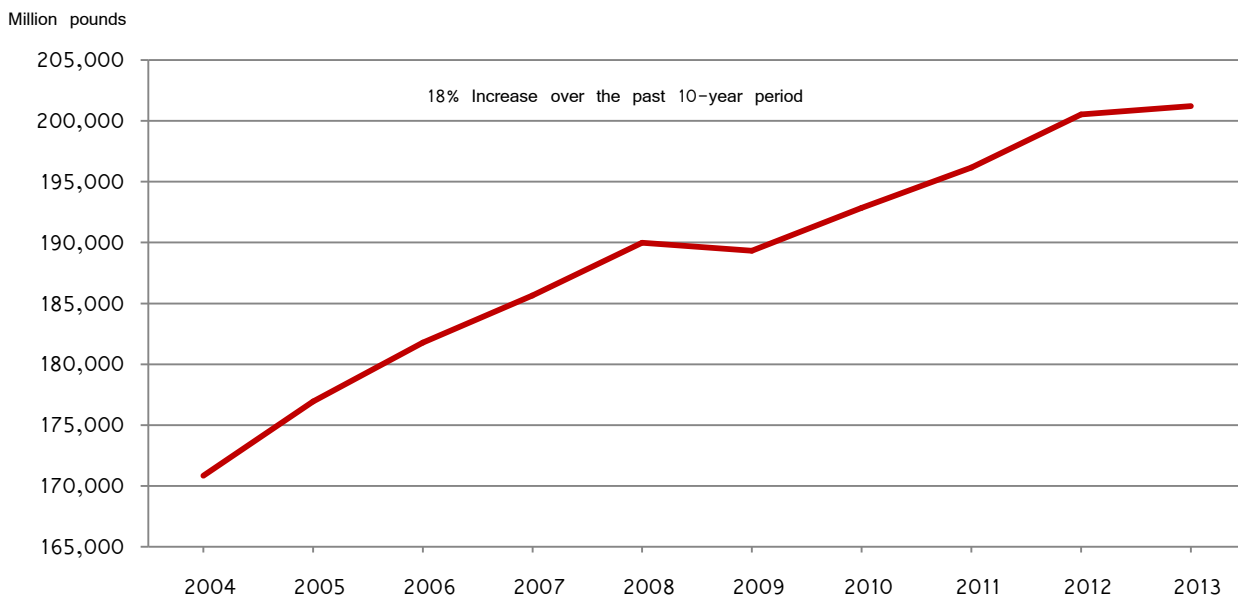
[May not add due to rounding]

Year	Milk cows ¹ (1,000 head)	Production per cow ²		Milk production ²
		Milk (pounds)	Total (million pounds)	
2004	9,010	18,960	170,832	
2005	9,050	19,550	176,931	
2006	9,137	19,895	181,782	
2007	9,189	20,204	185,654	
2008	9,315	20,395	189,982	
2009	9,203	20,573	189,334	
2010	9,119	21,148	192,848	
2011	9,194	21,336	196,164	
2012	9,233	21,720	200,537	
2013	9,221	21,822	201,218	

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

² Excludes milk sucked by calves.

Milk Production – United States: 2004–2013



Milk Cows and Production – States and United States: 2012 and 2013

[May not add due to rounding.]

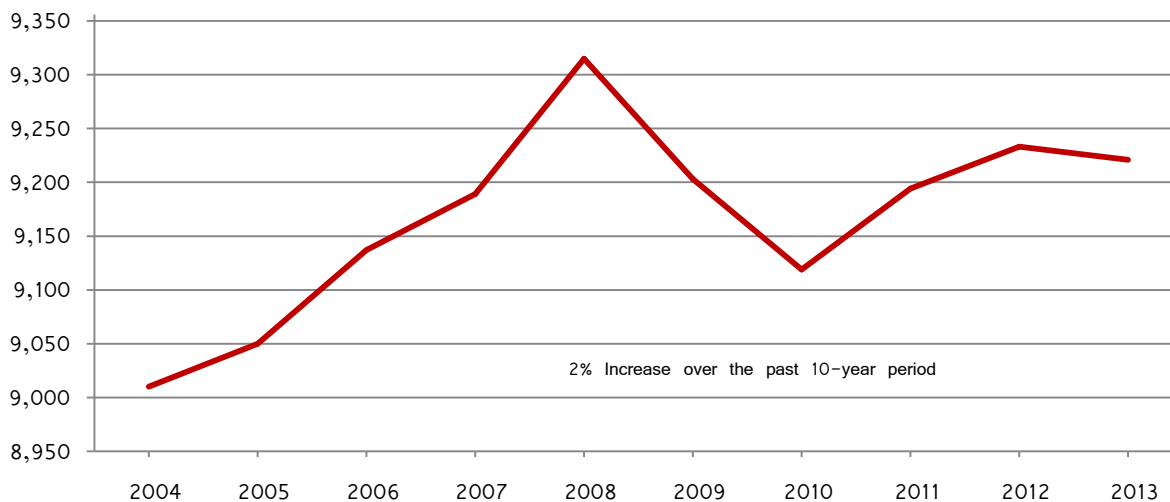
	Milk cows		Milk per cow		Milk Production		
	2012	2013	2012	2013	2012	2013	Change from 2012
	(1,000 head)	(1,000 head)	(pounds)	(pounds)	(million pounds)	(million pounds)	(percent)
Alabama	10.0	9.0	13,200	13,333	132.0	120.0	-9.1
Alaska	0.4	0.3	14,250	10,667	5.7	3.2	-43.9
Arizona	188.0	190.0	23,979	23,626	4,508.0	4,489.0	-0.4
Arkansas	10.0	9.0	13,300	11,667	133.0	105.0	-21.1
California	1,782.0	1,780.0	23,457	23,178	41,801.0	41,256.0	-1.3
Colorado	134.0	137.0	23,978	24,248	3,213.0	3,322.0	3.4
Connecticut	18.0	18.0	19,889	20,611	358.0	371.0	3.6
Delaware	4.9	4.8	19,143	19,521	93.8	93.7	-0.1
Florida	123.0	123.0	19,024	19,374	2,340.0	2,383.0	1.8
Georgia	80.0	80.0	19,125	19,500	1,530.0	1,560.0	2.0
Hawaii	2.0	2.2	14,200	13,409	28.4	29.5	3.9
Idaho	580.0	573.0	23,376	23,440	13,558.0	13,431.0	-0.9
Illinois	98.0	97.0	19,541	19,371	1,915.0	1,879.0	-1.9
Indiana	175.0	176.0	21,406	21,761	3,746.0	3,830.0	2.2
Iowa	205.0	208.0	22,010	22,144	4,512.0	4,606.0	2.1
Kansas	126.0	134.0	21,683	21,881	2,732.0	2,932.0	7.3
Kentucky	74.0	71.0	15,135	15,155	1,120.0	1,076.0	-3.9
Louisiana	17.0	16.0	13,059	12,875	222.0	206.0	-7.2
Maine	33.0	31.0	18,576	19,548	613.0	606.0	-1.1
Maryland	51.0	50.0	19,196	19,440	979.0	972.0	-0.7
Massachusetts ..	12.0	13.0	18,250	17,692	219.0	230.0	5.0
Michigan	375.0	380.0	23,976	24,116	8,991.0	9,164.0	1.9
Minnesota	465.0	464.0	19,512	19,698	9,073.0	9,140.0	0.7
Mississippi	14.0	14.0	14,214	13,214	199.0	185.0	-7.0
Missouri	94.0	92.0	14,957	14,663	1,406.0	1,349.0	-4.1
Montana	14.0	14.0	21,357	21,286	299.0	298.0	-0.3
Nebraska	56.0	54.0	21,179	21,574	1,186.0	1,165.0	-1.8
Nevada	29.0	29.0	22,966	22,207	666.0	644.0	-3.3
New Hampshire ..	14.0	13.0	19,643	20,846	275.0	271.0	-1.5
New Jersey	7.0	7.0	18,571	18,143	130.0	127.0	-2.3
New Mexico	330.0	323.0	24,694	24,944	8,149.0	8,057.0	-1.1
New York	610.0	610.0	21,623	22,080	13,190.0	13,469.0	2.1
North Carolina ..	46.0	46.0	20,435	20,326	940.0	935.0	-0.5
North Dakota	18.0	18.0	19,278	19,000	347.0	342.0	-1.4
Ohio	270.0	270.0	19,833	20,178	5,355.0	5,448.0	1.7
Oklahoma	48.0	45.0	17,688	17,556	849.0	790.0	-6.9
Oregon	123.0	123.0	20,431	20,439	2,513.0	2,514.0	0.0
Pennsylvania	536.0	533.0	19,549	19,822	10,478.0	10,565.0	0.8
Rhode Island	1.0	0.9	18,300	19,000	18.3	17.1	-6.6
South Carolina ..	16.0	16.0	17,250	16,500	276.0	264.0	-4.3
South Dakota	92.0	94.0	21,391	21,521	1,968.0	2,023.0	2.8
Tennessee	50.0	48.0	16,100	15,979	805.0	767.0	-4.7
Texas	436.0	437.0	22,009	21,984	9,596.0	9,610.0	0.1
Utah	91.0	92.0	22,341	22,130	2,033.0	2,036.0	0.1
Vermont	133.0	134.0	19,316	19,448	2,569.0	2,606.0	1.4
Virginia	96.0	95.0	17,990	18,337	1,727.0	1,742.0	0.9
Washington	262.0	266.0	23,794	23,820	6,234.0	6,336.0	1.6
West Virginia	10.0	10.0	15,800	15,200	158.0	152.0	-3.8
Wisconsin	1,270.0	1,271.0	21,436	21,693	27,224.0	27,572.0	1.3
Wyoming	6.0	6.0	20,650	21,367	123.9	128.2	3.5
United States	9,233.0	9,221.0	21,720	21,822	200,537.0	201,218.0	0.3

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

² Excludes milk sucked by calves.

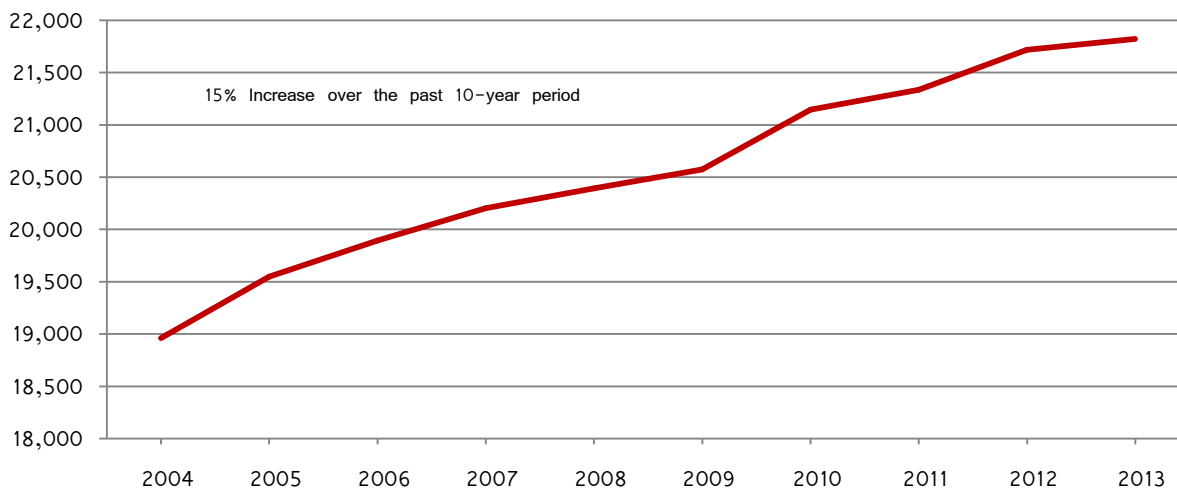
Milk Cows – United States: 2004–2013

Thousand head



Rate per Cow – United States: 2004–2013

Pounds



Milk Cows by Month – 23 Selected States, 23 State Total, and United States: 2012

[Includes dry cows, excludes heifers not yet fresh]

State	January (1,000 head)	February (1,000 head)	March ¹ (1,000 head)	April ¹ (1,000 head)	May ¹ (1,000 head)	June ¹ (1,000 head)
Arizona	190	192	194	194	194	188
California	1,782	1,784	1,786	1,785	1,783	1,784
Colorado	133	133	132	132	132	133
Florida	122	122	122	123	123	123
Idaho	581	581	581	580	580	580
Illinois	99	98	98	98	98	98
Indiana	175	176	176	176	176	176
Iowa	205	206	207	207	206	205
Kansas	123	124	125	125	125	125
Michigan	373	375	375	375	375	375
Minnesota	465	465	465	465	465	465
Missouri	93	93	94	94	94	94
New Mexico	335	335	336	337	336	332
New York	610	610	610	610	610	610
Ohio	270	270	270	271	271	270
Oregon	123	123	123	123	123	123
Pennsylvania	540	541	540	538	536	535
Texas	435	436	439	440	440	440
Utah	91	91	91	91	91	91
Vermont	133	133	133	133	133	133
Virginia	96	96	96	96	96	96
Washington	263	263	263	264	265	261
Wisconsin	1,265	1,266	1,269	1,270	1,271	1,271
23-State total	8,502	8,513	8,525	8,527	8,523	8,508
United States ²	9,242	9,256	9,270	9,271	9,260	9,239

See footnote(s) at end of table.

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	July	August	September	October	November	December	Annual average ¹
Arizona	185	184	181	183	185	188	188
California	1,780	1,781	1,779	1,778	1,779	1,780	1,782
Colorado	133	134	135	135	135	135	134
Florida	123	123	123	122	122	122	123
Idaho	579	580	579	577	578	580	580
Illinois	98	98	98	98	98	98	98
Indiana	176	176	174	172	174	174	175
Iowa	205	206	203	203	205	205	205
Kansas	125	126	126	127	128	131	126
Michigan	376	376	374	374	375	377	375
Minnesota	465	465	465	465	465	465	465
Missouri	94	94	93	93	93	93	94
New Mexico	328	328	326	324	323	321	330
New York	610	610	610	610	610	610	610
Ohio	269	269	270	270	270	270	270
Oregon	123	123	123	123	123	123	123
Pennsylvania	534	533	533	533	533	534	536
Texas	440	437	433	430	430	433	436
Utah	91	91	91	91	91	90	91
Vermont	133	133	133	133	134	134	133
Virginia	96	96	95	95	95	95	96
Washington	261	261	261	261	262	264	262
Wisconsin	1,271	1,271	1,271	1,271	1,271	1,270	1,270
23-State Total	8,495	8,495	8,476	8,468	8,479	8,492	8,500
United States ²	9,224	9,220	9,198	9,190	9,202	9,216	9,233

¹ Average based on monthly totals.

² United States monthly estimates are derived by proportionally allocating the quarterly estimates using the 23-state monthly total.

Milk Cows by Month – 23 Selected States, 23 State Total, and United States: 2013

[Includes dry cows, excludes heifers not yet fresh]

State	January	February	March ³	April ³	May ³	June ³
	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)
Arizona	190	190				
California	1,780	1,780				
Colorado	135	135				
Florida	122	122				
Idaho	579	577				
Illinois	97	97				
Indiana	175	174				
Iowa	206	208				
Kansas	132	132				
Michigan	378	378				
Minnesota	465	465				
Missouri	93	93				
New Mexico	320	322				
New York	610	610				
Ohio	271	271				
Oregon	123	123				
Pennsylvania	535	534				
Texas	435	435				
Utah	90	91				
Vermont	134	134				
Virginia	94	94				
Washington	264	264				
Wisconsin	1,270	1,270				
23-State total	8,498	8,499				
United States ²	9,222	9,223				

See footnote(s) at end of table.

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	July	August	September	October	November	December	Annual average ¹
Arizona	188	188	188	190	190	191	190
California	1,780	1,780	1,781	1,780	1,780	1,781	1,780
Colorado	137	137	137	137	138	140	137
Florida	123	123	123	123	123	123	123
Idaho	574	573	571	569	567	565	573
Illinois	97	97	97	97	96	96	97
Indiana	177	177	177	178	178	178	176
Iowa	210	208	206	206	206	206	208
Kansas	136	135	134	135	135	136	134
Michigan	381	381	381	380	380	380	380
Minnesota	465	465	463	463	461	460	464
Missouri	93	93	91	90	90	90	92
New Mexico	324	324	322	322	322	323	323
New York	610	610	610	610	611	613	610
Ohio	271	271	270	269	268	267	270
Oregon	123	123	123	123	123	124	123
Pennsylvania	534	533	532	530	530	530	533
Texas	435	440	440	440	440	440	437
Utah	92	92	92	93	93	94	92
Vermont	135	135	133	132	132	132	134
Virginia	95	95	95	94	94	94	95
Washington	268	268	266	266	266	266	266
Wisconsin	1,272	1,272	1,272	1,272	1,271	1,270	1,271
23-State total	8,520	8,520	8,504	8,499	8,494	8,499	8,506
United States ²	9,235	9,229	9,208	9,203	9,198	9,202	9,221

¹ Average based on monthly totals.

² United States monthly estimates are derived by proportionally allocating the quarterly estimates using the 23-state monthly total.

³ Survey was not conducted in April and July resulting in no milk cow data for March through June.

Milk Produced per Cow by Month – 23 Selected States, 23 State Total, and United States: 2012

[Excludes milk sucked by calves]

State	January (pounds)	February (pounds)	March (pounds)	April (pounds)	May (pounds)	June (pounds)
Arizona	2,100	2,060	2,240	2,155	2,155	2,010
California	2,030	1,965	2,130	2,035	2,100	1,975
Colorado	1,970	1,865	2,045	2,030	2,105	2,015
Florida	1,780	1,720	1,865	1,805	1,770	1,625
Idaho	1,920	1,800	1,940	1,910	2,020	1,990
Illinois	1,710	1,630	1,770	1,730	1,710	1,590
Indiana	1,800	1,740	1,875	1,860	1,875	1,760
Iowa	1,895	1,775	1,910	1,870	1,875	1,790
Kansas	1,800	1,725	1,910	1,860	1,890	1,790
Michigan	2,015	1,910	2,070	2,035	2,070	1,995
Minnesota	1,660	1,580	1,705	1,655	1,670	1,600
Missouri	1,270	1,215	1,445	1,455	1,390	1,265
New Mexico	2,045	1,985	2,190	2,130	2,150	2,020
New York	1,800	1,730	1,865	1,825	1,890	1,800
Ohio	1,655	1,610	1,740	1,730	1,735	1,630
Oregon	1,685	1,600	1,750	1,725	1,810	1,740
Pennsylvania	1,660	1,570	1,710	1,680	1,705	1,605
Texas	1,900	1,835	1,995	1,915	1,925	1,785
Utah	1,855	1,745	1,880	1,845	1,925	1,880
Vermont	1,625	1,535	1,660	1,625	1,675	1,610
Virginia	1,575	1,510	1,645	1,595	1,575	1,460
Washington	1,995	1,895	2,040	2,000	2,075	2,000
Wisconsin	1,790	1,700	1,835	1,800	1,840	1,780
23-State total	1,862	1,783	1,933	1,882	1,924	1,830
United States ¹	1,844	1,764	1,913	1,860	1,903	1,807

See footnote(s) at end of table.

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	July	August	September	October	November	December	Annual average
Arizona	1,915	1,770	1,745	1,875	1,890	1,995	23,979
California	1,965	1,855	1,790	1,860	1,835	1,920	23,457
Colorado	2,050	2,050	1,955	2,015	1,940	2,020	23,978
Florida	1,520	1,410	1,250	1,310	1,460	1,580	19,024
Idaho	2,050	2,040	1,930	1,970	1,890	1,930	23,376
Illinois	1,520	1,550	1,470	1,570	1,570	1,690	19,541
Indiana	1,710	1,780	1,685	1,735	1,730	1,850	21,406
Iowa	1,745	1,805	1,745	1,830	1,810	1,935	22,010
Kansas	1,775	1,795	1,740	1,805	1,770	1,845	21,683
Michigan	1,985	2,015	1,930	1,985	1,945	2,025	23,976
Minnesota	1,580	1,620	1,550	1,605	1,590	1,695	19,512
Missouri	1,170	1,120	1,110	1,180	1,180	1,230	14,957
New Mexico	2,060	2,015	1,960	2,025	2,000	2,100	24,694
New York	1,825	1,810	1,740	1,775	1,735	1,830	21,623
Ohio	1,595	1,620	1,540	1,650	1,610	1,710	19,833
Oregon	1,770	1,740	1,665	1,685	1,600	1,660	20,431
Pennsylvania	1,610	1,615	1,535	1,610	1,580	1,675	19,549
Texas	1,770	1,750	1,705	1,795	1,770	1,855	22,009
Utah	1,945	1,900	1,815	1,855	1,815	1,900	22,341
Vermont	1,640	1,610	1,550	1,595	1,545	1,630	19,316
Virginia	1,425	1,440	1,380	1,465	1,445	1,545	17,990
Washington	2,015	2,005	1,935	1,960	1,880	1,950	23,794
Wisconsin	1,775	1,820	1,730	1,775	1,745	1,850	21,436
23-State total	1,826	1,806	1,731	1,793	1,762	1,852	21,984
United States ¹	1,800	1,781	1,707	1,771	1,740	1,829	21,720

¹ United States monthly estimates are derived by proportionally allocating the quarterly estimates using the 23-state monthly total.

Milk Produced per Cow by Month – 23 Selected States, 23 State Total, and United States: 2013

[Excludes milk sucked by calves]

State	January	February	March ²	April ²	May ²	June ²	
	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	(pounds)	
Arizona	2,075	1,940					
California	1,945	1,815					
Colorado	2,040	1,865					
Florida	1,730	1,670					
Idaho	1,910	1,740					
Illinois	1,730	1,590					
Indiana	1,850	1,710					
Iowa	1,940	1,750					
Kansas	1,855	1,705					
Michigan	2,060	1,880					
Minnesota	1,715	1,565					
Missouri	1,220	1,160					
New Mexico	2,150	1,985					
New York	1,855	1,695					
Ohio	1,725	1,590					
Oregon	1,675	1,555					
Pennsylvania	1,690	1,560					
Texas	1,880	1,740					
Utah	1,865	1,660					
Vermont	1,650	1,505					
Virginia	1,600	1,460					
Washington	1,985	1,825					
Wisconsin	1,870	1,705					
23-State total	1,874	1,726					
United States ¹	1,855	1,709					
	July	August	September	October	November	December	Annual average
Arizona	1,845	1,830	1,720	1,880	1,860	1,985	23,626
California	1,895	1,910	1,795	1,875	1,840	1,950	23,178
Colorado	2,100	2,095	1,965	2,030	1,975	2,055	24,248
Florida	1,630	1,450	1,325	1,400	1,495	1,600	19,374
Idaho	2,045	2,060	1,925	1,950	1,885	1,960	23,440
Illinois	1,550	1,550	1,475	1,570	1,550	1,630	19,371
Indiana	1,785	1,810	1,710	1,790	1,730	1,820	21,761
Iowa	1,835	1,850	1,735	1,820	1,775	1,870	22,144
Kansas	1,820	1,790	1,710	1,835	1,800	1,845	21,881
Michigan	2,010	2,050	1,940	2,000	1,930	2,020	24,116
Minnesota	1,645	1,635	1,565	1,610	1,565	1,665	19,698
Missouri	1,175	1,140	1,110	1,190	1,160	1,190	14,663
New Mexico	2,125	2,015	1,940	2,025	1,990	2,050	24,944
New York	1,860	1,885	1,770	1,840	1,750	1,820	22,080
Ohio	1,650	1,680	1,575	1,650	1,600	1,680	20,178
Oregon	1,765	1,750	1,650	1,690	1,625	1,675	20,439
Pennsylvania	1,630	1,660	1,570	1,620	1,585	1,675	19,822
Texas	1,885	1,795	1,700	1,820	1,770	1,820	21,984
Utah	1,915	1,915	1,815	1,840	1,775	1,820	22,130
Vermont	1,620	1,630	1,560	1,620	1,570	1,650	19,448
Virginia	1,480	1,490	1,430	1,510	1,490	1,600	18,337
Washington	2,040	2,040	1,930	1,975	1,885	1,955	23,820
Wisconsin	1,820	1,835	1,745	1,795	1,725	1,805	21,693
23-State total	1,842	1,843	1,741	1,810	1,759	1,844	22,069
United States ¹	1,818	1,819	1,719	1,790	1,740	1,825	21,822

¹ United States monthly estimates are derived by proportionally allocating the quarterly estimates using the 23-state monthly total.

² Survey was not conducted in April and July resulting in no milk per cow data for March through June.

Milk Production by Month – 23 Selected States, 23 State Total, and United States: 2012

[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	399	396	435	418	418	378	
California	3,617	3,506	3,804	3,632	3,744	3,523	
Colorado	262	248	270	268	278	268	
Florida	217	210	228	222	218	200	
Idaho	1,116	1,046	1,127	1,108	1,172	1,154	
Illinois	169	160	173	170	168	156	
Indiana	315	306	330	327	330	310	
Iowa	388	366	395	387	386	367	
Kansas	221	214	239	233	236	224	
Michigan	752	716	776	763	776	748	
Minnesota	772	735	793	770	777	744	
Missouri	118	113	136	137	131	119	
New Mexico	685	665	736	718	722	671	
New York	1,098	1,055	1,138	1,113	1,153	1,098	
Ohio	447	435	470	469	470	440	
Oregon	207	197	215	212	223	214	
Pennsylvania	896	849	923	904	914	859	
Texas	827	800	876	843	847	785	
Utah	169	159	171	168	175	171	
Vermont	216	204	221	216	223	214	
Virginia	151	145	158	153	151	140	
Washington	525	498	537	528	550	522	
Wisconsin	2,264	2,152	2,329	2,286	2,339	2,262	
23-State total	15,831	15,175	16,480	16,045	16,401	15,567	
United States ²	17,038	16,332	17,735	17,246	17,618	16,698	
	July	August	September	October	November	December	Annual total ¹
Arizona	354	326	316	343	350	375	4,508
California	3,498	3,304	3,184	3,307	3,264	3,418	41,801
Colorado	273	275	264	272	262	273	3,213
Florida	187	173	154	160	178	193	2,340
Idaho	1,187	1,183	1,117	1,137	1,092	1,119	13,558
Illinois	149	152	144	154	154	166	1,915
Indiana	301	313	293	298	301	322	3,746
Iowa	358	372	354	371	371	397	4,512
Kansas	222	226	219	229	227	242	2,732
Michigan	746	758	722	742	729	763	8,991
Minnesota	735	753	721	746	739	788	9,073
Missouri	110	105	103	110	110	114	1,406
New Mexico	676	661	639	656	646	674	8,149
New York	1,113	1,104	1,061	1,083	1,058	1,116	13,190
Ohio	429	436	416	446	435	462	5,355
Oregon	218	214	205	207	197	204	2,513
Pennsylvania	860	861	818	858	842	894	10,478
Texas	779	765	738	772	761	803	9,596
Utah	177	173	165	169	165	171	2,033
Vermont	218	214	206	212	207	218	2,569
Virginia	137	138	131	139	137	147	1,727
Washington	526	523	505	512	493	515	6,234
Wisconsin	2,256	2,313	2,199	2,256	2,218	2,350	27,224
23-State total	15,509	15,342	14,674	15,179	14,936	15,724	186,863
United States ²	16,601	16,421	15,705	16,273	16,013	16,857	200,537

¹ Total milk production for year.

² United States monthly estimates are derived by proportionally allocating the quarterly estimates using the 23-state monthly total.

Milk Production by Month – 23 Selected States, 23 State Total, and United States: 2013

[[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	394	369	423	411	411	378	
California	3,462	3,231	3,676	3,622	3,720	3,489	
Colorado	275	252	279	271	283	279	
Florida	211	204	227	220	225	202	
Idaho	1,106	1,004	1,131	1,117	1,178	1,156	
Illinois	168	154	171	166	167	153	
Indiana	324	298	331	328	340	319	
Iowa	400	364	407	394	405	383	
Kansas	245	225	252	247	258	244	
Michigan	779	711	794	765	798	770	
Minnesota	797	728	811	774	788	760	
Missouri	113	108	125	128	127	114	
New Mexico	688	639	715	700	714	679	
New York	1,132	1,034	1,159	1,132	1,193	1,147	
Ohio	467	431	481	473	489	458	
Oregon	206	191	216	213	222	215	
Pennsylvania	904	833	926	904	941	880	
Texas	818	757	840	816	840	800	
Utah	168	151	171	170	177	173	
Vermont	221	202	226	220	231	221	
Virginia	150	137	153	153	155	143	
Washington	524	482	541	537	558	541	
Wisconsin	2,375	2,165	2,400	2,309	2,385	2,302	
23-State total	15,927	14,670	16,455	16,070	16,605	15,806	
United States ²	17,109	15,759	17,677	17,249	17,813	16,935	
	July	August	September	October	November	December	Annual total ¹
Arizona	347	344	323	357	353	379	4,489
California	3,373	3,400	3,197	3,338	3,275	3,473	41,256
Colorado	288	287	269	278	273	288	3,322
Florida	200	178	163	172	184	197	2,383
Idaho	1,174	1,180	1,099	1,110	1,069	1,107	13,431
Illinois	150	150	143	152	149	156	1,879
Indiana	316	320	303	319	308	324	3,830
Iowa	385	385	357	375	366	385	4,606
Kansas	248	242	229	248	243	251	2,932
Michigan	766	781	739	760	733	768	9,164
Minnesota	765	760	725	745	721	766	9,140
Missouri	109	106	101	107	104	107	1,349
New Mexico	689	653	625	652	641	662	8,057
New York	1,135	1,150	1,080	1,122	1,069	1,116	13,469
Ohio	447	455	425	444	429	449	5,448
Oregon	217	215	203	208	200	208	2,514
Pennsylvania	870	885	835	859	840	888	10,565
Texas	820	790	748	801	779	801	9,610
Utah	176	176	167	171	165	171	2,036
Vermont	219	220	207	214	207	218	2,606
Virginia	141	142	136	142	140	150	1,742
Washington	547	547	513	525	501	520	6,336
Wisconsin	2,315	2,334	2,220	2,283	2,192	2,292	27,572
23-State total	15,697	15,700	14,807	15,382	14,941	15,676	187,736
United States ²	16,788	16,789	15,831	16,475	16,003	16,790	201,218

¹ Total milk production for year.

² United States monthly estimates are derived by proportionally allocating the quarterly estimates using the 23-state monthly total.

Milk Cows and Production by Quarter – States and United States: 2012

[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	10.0	10.0	9.5	9.0	39.0	37.0	27.0	29.0
Alaska	0.5	0.4	0.4	0.4	1.7	1.4	1.4	1.2
Arizona	192.0	192.0	183.0	185.0	1,230.0	1,214.0	996.0	1,068.0
Arkansas	11.0	11.0	10.0	9.5	39.0	38.0	28.0	28.0
California	1,784.0	1,784.0	1,780.0	1,779.0	10,927.0	10,899.0	9,986.0	9,989.0
Colorado	133.0	132.0	134.0	135.0	780.0	814.0	812.0	807.0
Connecticut	18.5	18.5	18.0	18.0	93.0	93.0	86.0	86.0
Delaware	5.0	5.0	5.0	4.7	25.0	24.8	22.0	22.0
Florida	122.0	123.0	123.0	122.0	655.0	640.0	514.0	531.0
Georgia	80.0	80.0	80.0	80.0	424.0	409.0	338.0	359.0
Hawaii	1.9	2.0	2.0	2.1	7.2	7.6	7.0	6.6
Idaho	581.0	580.0	579.0	578.0	3,289.0	3,434.0	3,487.0	3,348.0
Illinois	98.0	98.0	98.0	98.0	502.0	494.0	445.0	474.0
Indiana	176.0	176.0	175.0	173.0	951.0	967.0	907.0	921.0
Iowa	206.0	206.0	205.0	204.0	1,149.0	1,140.0	1,084.0	1,139.0
Kansas	124.0	125.0	126.0	129.0	674.0	693.0	667.0	698.0
Kentucky	75.0	74.0	73.0	73.0	306.0	294.0	251.0	269.0
Louisiana	18.0	18.0	17.0	16.0	68.0	60.0	45.0	49.0
Maine	33.0	33.0	32.0	32.0	153.0	158.0	152.0	150.0
Maryland	52.0	51.0	51.0	51.0	255.0	252.0	233.0	239.0
Massachusetts	12.0	12.0	12.0	12.5	55.0	56.0	53.0	55.0
Michigan	374.0	375.0	375.0	375.0	2,244.0	2,287.0	2,226.0	2,234.0
Minnesota	465.0	465.0	465.0	465.0	2,300.0	2,291.0	2,209.0	2,273.0
Mississippi	14.5	14.0	14.0	14.0	58.0	54.0	41.0	46.0
Missouri	93.0	94.0	94.0	93.0	367.0	387.0	318.0	334.0
Montana	14.0	14.0	14.0	14.0	74.0	76.0	75.0	74.0
Nebraska	56.0	56.0	56.0	55.0	300.0	300.0	289.0	297.0
Nevada	29.0	29.0	28.0	29.0	167.0	173.0	167.0	159.0
New Hampshire	14.0	14.0	13.5	13.5	71.0	72.0	67.0	65.0
New Jersey	7.5	7.5	7.0	7.0	34.0	35.0	31.0	30.0
New Mexico	335.0	335.0	327.0	323.0	2,086.0	2,111.0	1,976.0	1,976.0
New York	610.0	610.0	610.0	610.0	3,291.0	3,364.0	3,278.0	3,257.0
North Carolina	46.0	46.0	46.0	46.0	252.0	246.0	216.0	226.0
North Dakota	18.0	18.0	18.0	18.0	86.0	88.0	86.0	87.0
Ohio	270.0	271.0	269.0	270.0	1,352.0	1,379.0	1,281.0	1,343.0
Oklahoma	51.0	49.0	47.0	46.0	241.0	219.0	188.0	201.0
Oregon	123.0	123.0	123.0	123.0	619.0	649.0	637.0	608.0
Pennsylvania	540.0	536.0	533.0	533.0	2,668.0	2,677.0	2,539.0	2,594.0
Rhode Island	1.1	1.0	0.9	0.9	4.9	5.0	4.3	4.1
South Carolina	16.0	15.5	15.0	15.5	81.0	74.0	57.0	64.0
South Dakota	92.0	93.0	92.0	92.0	492.0	494.0	485.0	497.0
Tennessee	51.0	50.0	49.0	49.0	222.0	210.0	182.0	191.0
Texas	437.0	440.0	437.0	431.0	2,503.0	2,475.0	2,282.0	2,336.0
Utah	91.0	91.0	91.0	91.0	499.0	514.0	515.0	505.0
Vermont	133.0	133.0	133.0	134.0	641.0	653.0	638.0	637.0
Virginia	96.0	96.0	96.0	95.0	454.0	444.0	406.0	423.0
Washington	263.0	263.0	261.0	262.0	1,560.0	1,600.0	1,554.0	1,520.0
West Virginia	10.0	10.0	10.0	10.0	40.0	41.0	39.0	38.0
Wisconsin	1,267.0	1,271.0	1,271.0	1,271.0	6,745.0	6,887.0	6,768.0	6,824.0
Wyoming	6.0	6.0	6.0	6.0	29.8	31.3	31.3	31.5
United States	9,256.0	9,257.0	9,214.0	9,203.0	51,105.0	51,562.0	48,727.0	49,143.0

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

² Excludes milk sucked by calves.

Milk Cows and Production by Quarter – States and United States: 2013

[[May not add due to rounding]]

State	Milk cows ¹				Milk production ²			
	Jan-Mar ³	Apr-Jun ³	Jul-Sep	Oct-Dec	Jan-Mar	Apr-Jun	Jul-Sep	Oct-Dec
	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(million pounds)	(million pounds)	(million pounds)	(million pounds)
Alabama			9.0	9.0	33.0	34.0	25.0	28.0
Alaska			0.3	0.3	0.8	0.8	0.8	0.8
Arizona			188.0	190.0	1,186.0	1,200.0	1,014.0	1,089.0
Arkansas			8.0	8.0	31.0	30.0	22.0	22.0
California			1,780.0	1,780.0	10,369.0	10,831.0	9,970.0	10,086.0
Colorado			137.0	138.0	806.0	833.0	844.0	839.0
Connecticut			18.0	18.0	92.0	98.0	91.0	90.0
Delaware			4.7	4.7	24.7	24.7	21.6	22.7
Florida			123.0	123.0	642.0	647.0	541.0	553.0
Georgia			80.0	80.0	414.0	421.0	357.0	368.0
Hawaii			2.2	2.2	7.0	7.9	7.4	7.2
Idaho			573.0	567.0	3,241.0	3,451.0	3,453.0	3,286.0
Illinois			97.0	96.0	493.0	486.0	443.0	457.0
Indiana			177.0	178.0	953.0	987.0	939.0	951.0
Iowa			208.0	206.0	1,171.0	1,182.0	1,127.0	1,126.0
Kansas			135.0	135.0	722.0	749.0	719.0	742.0
Kentucky			70.0	69.0	292.0	284.0	243.0	257.0
Louisiana			15.0	15.0	60.0	58.0	42.0	46.0
Maine			31.0	30.0	151.0	157.0	152.0	146.0
Maryland			50.0	50.0	250.0	249.0	232.0	241.0
Massachusetts			12.5	12.0	59.0	61.0	56.0	54.0
Michigan			381.0	380.0	2,284.0	2,333.0	2,286.0	2,261.0
Minnesota			464.0	461.0	2,336.0	2,322.0	2,250.0	2,232.0
Mississippi			13.0	13.0	52.0	51.0	39.0	43.0
Missouri			92.0	90.0	346.0	369.0	316.0	318.0
Montana			14.0	14.0	73.0	76.0	74.0	75.0
Nebraska			54.0	53.0	298.0	299.0	283.0	285.0
Nevada			29.0	29.0	157.0	165.0	161.0	161.0
New Hampshire			13.0	13.5	69.0	68.0	67.0	67.0
New Jersey			7.0	7.0	32.0	33.0	31.0	31.0
New Mexico			323.0	322.0	2,042.0	2,093.0	1,967.0	1,955.0
New York			610.0	611.0	3,325.0	3,472.0	3,365.0	3,307.0
North Carolina			46.0	45.0	244.0	245.0	219.0	227.0
North Dakota			17.5	17.0	88.0	89.0	84.0	81.0
Ohio			271.0	268.0	1,379.0	1,420.0	1,327.0	1,322.0
Oklahoma			43.0	44.0	217.0	210.0	172.0	191.0
Oregon			123.0	123.0	613.0	650.0	635.0	616.0
Pennsylvania			533.0	530.0	2,663.0	2,725.0	2,590.0	2,587.0
Rhode Island			0.9	0.9	4.2	4.7	4.2	4.0
South Carolina			15.0	15.5	72.0	72.0	57.0	63.0
South Dakota			95.0	95.0	495.0	501.0	516.0	511.0
Tennessee			47.0	47.0	206.0	203.0	176.0	182.0
Texas			438.0	440.0	2,415.0	2,456.0	2,358.0	2,381.0
Utah			92.0	93.0	490.0	520.0	519.0	507.0
Vermont			134.0	132.0	649.0	672.0	646.0	639.0
Virginia			95.0	94.0	440.0	451.0	419.0	432.0
Washington			267.0	266.0	1,547.0	1,636.0	1,607.0	1,546.0
West Virginia			9.5	9.0	39.0	41.0	38.0	34.0
Wisconsin			1,272.0	1,271.0	6,940.0	6,996.0	6,869.0	6,767.0
Wyoming			6.0	6.0	32.0	32.7	32.5	31.0
United States			9,224.0	9,201.0	50,545.0	51,997.0	49,408.0	49,268.0

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

² Excludes milk sucked by calves.

³ Survey was not conducted in April and July resulting in no milk cow data for March through June.

Licensed Dairy Herds – States and United States: 2012 and 2013

	Licensed dairy herds ¹	
	2012 (number)	2013 (number)
Alabama	50	45
Alaska	4	3
Arizona	110	110
Arkansas	100	85
California	1,605	1,515
Colorado	130	130
Connecticut	130	130
Delaware	50	40
Florida	130	130
Georgia	250	240
Hawaii	2	2
Idaho	565	550
Illinois	760	745
Indiana	1,570	1,315
Iowa	1,580	1,425
Kansas	340	325
Kentucky	840	780
Louisiana	140	130
Maine	310	300
Maryland	500	470
Massachusetts	155	155
Michigan	2,130	2,030
Minnesota	4,125	3,865
Mississippi	110	100
Missouri	1,430	1,290
Montana	70	70
Nebraska	210	200
Nevada	20	20
New Hampshire	120	120
New Jersey	80	70
New Mexico	140	140
New York	5,150	5,030
North Carolina	270	250
North Dakota	130	110
Ohio	3,060	2,930
Oklahoma	200	180
Oregon	270	260
Pennsylvania	7,140	7,200
Rhode Island	15	15
South Carolina	80	75
South Dakota	325	300
Tennessee	420	390
Texas	500	460
Utah	230	220
Vermont	970	930
Virginia	680	640
Washington	480	480
West Virginia	95	80
Wisconsin	11,490	10,860
Wyoming	20	20
United States	49,281	46,960

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

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: 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, 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 23 State milk production estimates over the past 24 months 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 16.1 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 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	0.2	0.3	26	3	80	17	7
All Milk cows	0.1	0.1	4	0	10	9	13

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

Dan Kerestes, Chief, Livestock Branch	(202) 720-3570
Scott Hollis, Head, Livestock Section	(202) 690-2424
Travis Averill – Cattle, Cattle on Feed	(202) 720-3040
Doug Bounds – Hogs and Pigs	(202) 720-3106
Alissa Cowell-Mytar – Sheep and Goats, Honey	(202) 720-4751
Donnie Fike – Dairy Products	(202) 690-3236
Tiffany Hora – Livestock Slaughter	(515) 284-4340
Mike Miller – Milk Production and Milk Cows	(202) 720-3278

Access to NASS Reports

For your convenience, you may access NASS reports and products the following ways:

- All reports are available electronically, at no cost, on the NASS web site: <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 <http://www.nass.usda.gov> and in the “Follow NASS” box under “Receive reports by Email,” click on “National” or “State” to select the reports you would like to receive.

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@nass.usda.gov.

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