



United States  
Department of  
Agriculture

National  
Agricultural  
Statistics  
Service



ISSN: 1949-1506

# Milk Production, Disposition, and Income 2016 Summary

April 2017

# USDA





## Contents

Summary .....	4
Milk Cows and Production of Milk and Milkfat – United States: 2015-2016.....	5
Quantity of Milk Used and Marketed by Producers – United States: 2015-2016.....	5
Milk and Cream Marketings and Income – United States: 2015-2016.....	5
Value of Milk Production – United States: 2015-2016.....	5
Milk Cows and Production of Milk and Milkfat – States and United States: 2015.....	6
Quantity of Milk Used and Marketed by Producers – States and United States: 2015.....	7
Milk and Cream Marketings and Income – States and United States: 2015.....	8
Value of Milk Production – States and United States: 2015.....	9
Milk Cows and Production of Milk and Milkfat – States and United States: 2016.....	10
Quantity of Milk Used and Marketed by Producers – States and United States: 2016.....	11
Milk and Cream Marketings and Income – States and United States: 2016.....	12
Value of Milk Production – States and United States: 2016.....	13
Statistical Methodology .....	14
Information Contacts .....	14

## Summary

**Milk production** increased 1.8 percent in 2016 to 212 billion pounds. The rate per cow, at 22,774 pounds, was 378 pounds above 2015. The annual average number of milk cows on farms was 9.33 million head, up 14,000 head from 2015.

**Cash receipts from marketings** of milk during 2016 totaled \$34.5 billion, 3.3 percent lower than 2015. Producer returns averaged \$16.34 per hundredweight, 5.1 percent below 2015. Marketings totaled 211.4 billion pounds, 1.8 percent above 2015. Marketings include whole milk sold to plants and dealers and milk sold directly to consumers.

An estimated 1.0 billion pounds of milk were used on farms where produced, 3.3 percent more than 2015. Calves were fed 91 percent of this milk, with the remainder consumed in producer households.

## Milk Cows and Production of Milk and Milkfat – United States: 2015-2016

Year	Number of milk cows <sup>1</sup>	Production of milk and milkfat <sup>2</sup>				
		Per milk cow		All milk percent of fat	Total	
		Milk	Milkfat		Milk	Milkfat
	(1,000 head)	(pounds)	(pounds)	(percent)	(million pounds)	(million pounds)
2015 .....	9,314	22,396	840	3.75	208,597	7,813.4
2016 .....	9,328	22,774	863	3.79	212,436	8,051.0

<sup>1</sup> Average number during year, excluding heifers not yet fresh.

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

## Quantity of Milk Used and Marketed by Producers – United States: 2015-2016

Year	Milk used where produced			Milk marketed by producers	
	Fed to calves <sup>1</sup>	Used for milk cream and butter	Total	Total <sup>2</sup>	Fluid grade <sup>3</sup>
	(million pounds)	(million pounds)	(million pounds)	(million pounds)	(percent)
2015 .....	879	91	970	207,626	99
2016 .....	909	93	1,002	211,434	99

<sup>1</sup> Excludes milk sucked by calves.

<sup>2</sup> Milk sold to plants and dealers as whole milk and equivalent amounts of milk for cream. Includes milk produced by dealers' own herds and milk sold directly to consumers. Also includes milk produced by institutional herds.

<sup>3</sup> Percentage of milk sold that is eligible for fluid use (Grade A in most States). Includes fluid grade milk used in manufacturing dairy products.

## Milk and Cream Marketings and Income – United States: 2015-2016

Year	Combined marketings of milk and cream			
	Milk utilized	All milk average returns per cwt <sup>1</sup>	Returns per pound of milkfat	Cash receipts from marketings
	(million pounds)	(dollars)	(dollars)	(1,000 dollars)
2015 .....	207,626	17.21	4.59	35,732,794
2016 .....	211,434	16.34	4.31	34,543,067

<sup>1</sup> Cash receipts divided by milk or milkfat in combined marketings.

## Value of Milk Production – United States: 2015-2016

Year	Combined marketings of milk and cream			
	Used for milk, cream and butter by producers		Gross producer income <sup>2</sup>	Value of milk produced <sup>1 3</sup>
	Milk utilized	Value <sup>1</sup>		
	(million pounds)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
2015 .....	91	16,291	35,749,085	35,904,346
2016 .....	93	15,605	34,558,672	34,710,080

<sup>1</sup> Value at average returns per 100 pounds of milk in combined marketings of milk and cream.

<sup>2</sup> Cash receipts from marketings of milk and cream plus value of milk used for home consumption.

<sup>3</sup> Includes value of milk fed to calves.

# Milk Cows and Production of Milk and Milkfat – States and United States: 2015

[May not add due to rounding]

State	Number of milk cows <sup>1</sup> (1,000 head)	Production of milk and milkfat <sup>2</sup>				
		Per milk cow		All milk percent of fat (percent)	Total	
		Milk (pounds)	Milkfat (pounds)		Milk (million pounds)	Milkfat (million pounds)
Alabama	8.0	12,625	477	3.78	101.0	3.8
Alaska	0.3	11,667	460	3.94	3.5	0.1
Arizona	194.0	24,402	847	3.47	4,734.0	164.3
Arkansas	7.0	13,000	471	3.62	91.0	3.3
California	1,776.0	23,028	857	3.72	40,897.0	1,521.4
Colorado	146.0	25,733	926	3.60	3,757.0	135.3
Connecticut	19.0	20,842	813	3.90	396.0	15.4
Delaware	5.0	19,700	743	3.77	98.5	3.7
Florida	125.0	20,656	744	3.60	2,582.0	93.0
Georgia	83.0	21,651	782	3.61	1,797.0	64.9
Hawaii	2.2	15,909	550	3.46	35.0	1.2
Idaho	585.0	24,126	919	3.81	14,114.0	537.7
Illinois	94.0	20,149	760	3.77	1,894.0	71.4
Indiana	182.0	22,115	812	3.67	4,025.0	147.7
Iowa	211.0	22,929	869	3.79	4,838.0	183.4
Kansas	143.0	22,210	822	3.70	3,176.0	117.5
Kentucky	61.0	17,656	639	3.62	1,077.0	39.0
Louisiana	14.0	13,429	498	3.71	188.0	7.0
Maine	30.0	19,800	744	3.76	594.0	22.3
Maryland	49.0	20,061	750	3.74	983.0	36.8
Massachusetts	12.0	18,083	702	3.88	217.0	8.4
Michigan	408.0	25,150	920	3.66	10,261.0	375.6
Minnesota	460.0	20,570	794	3.86	9,462.0	365.2
Mississippi	11.0	15,000	563	3.75	165.0	6.2
Missouri	88.0	15,511	597	3.85	1,365.0	52.6
Montana	14.0	21,357	794	3.72	299.0	11.1
Nebraska	57.0	22,930	869	3.79	1,307.0	49.5
Nevada	29.0	23,069	824	3.57	669.0	23.9
New Hampshire	14.0	20,143	767	3.81	282.0	10.7
New Jersey	7.0	18,143	680	3.75	127.0	4.8
New Mexico	323.0	24,245	866	3.57	7,831.0	279.6
New York	618.0	22,806	862	3.78	14,094.0	532.8
North Carolina	47.0	20,957	759	3.62	985.0	35.7
North Dakota	16.0	20,750	780	3.76	332.0	12.5
Ohio	267.0	20,573	774	3.76	5,493.0	206.5
Oklahoma	39.0	18,641	679	3.64	727.0	26.5
Oregon	125.0	20,408	794	3.89	2,551.0	99.2
Pennsylvania	530.0	20,377	760	3.73	10,800.0	402.8
Rhode Island	0.9	17,667	730	4.13	15.9	0.7
South Carolina	15.0	17,400	679	3.90	261.0	10.2
South Dakota	106.0	22,255	892	4.01	2,359.0	94.6
Tennessee	45.0	16,489	597	3.62	742.0	26.9
Texas	463.0	22,248	863	3.88	10,301.0	399.7
Utah	96.0	23,125	863	3.73	2,220.0	82.8
Vermont	132.0	20,197	774	3.83	2,666.0	102.1
Virginia	91.0	19,462	716	3.68	1,771.0	65.2
Washington	277.0	23,848	928	3.89	6,606.0	257.0
West Virginia	9.0	15,667	578	3.69	141.0	5.2
Wisconsin	1,279.0	22,697	853	3.76	29,030.0	1,091.5
Wyoming	6.0	22,567	779	3.45	135.4	4.7
United States	9,314.0	22,396	840	3.75	208,597.0	7,813.4

<sup>1</sup> Average number during year, excluding heifers not yet fresh.

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

## Quantity of Milk Used and Marketed by Producers – States and United States: 2015

[May not add due to rounding]

State	Milk used where produced			Milk marketed by producers	
	Fed to calves <sup>1</sup>	Used for milk, cream, and butter	Total	Total <sup>2</sup>	Fluid grade <sup>3</sup>
	(million pounds)	(million pounds)	(million pounds)	(million pounds)	(percent)
Alabama .....	0.7	0.3	1.0	100.0	100
Alaska .....	0.2	0.2	0.4	3.1	100
Arizona .....	12.0	1.0	13.0	4,721.0	100
Arkansas .....	1.7	0.3	2.0	89.0	100
California .....	28.0	4.0	32.0	40,865.0	99
Colorado .....	21.0	1.0	22.0	3,735.0	100
Connecticut .....	2.5	0.5	3.0	393.0	100
Delaware .....	0.9	0.1	1.0	97.5	100
Florida .....	5.0	1.0	6.0	2,576.0	100
Georgia .....	7.0	1.0	8.0	1,789.0	100
Hawaii .....	0.1	0.1	0.2	34.8	100
Idaho .....	32.0	1.0	33.0	14,081.0	100
Illinois .....	10.0	2.0	12.0	1,882.0	98
Indiana .....	23.0	4.0	27.0	3,998.0	100
Iowa .....	14.0	1.0	15.0	4,823.0	99
Kansas .....	11.0	1.0	12.0	3,164.0	100
Kentucky .....	6.0	1.0	7.0	1,070.0	100
Louisiana .....	3.0	1.0	4.0	184.0	100
Maine .....	3.0	1.0	4.0	590.0	100
Maryland .....	6.0	1.0	7.0	976.0	100
Massachusetts .....	1.5	0.5	2.0	215.0	100
Michigan .....	26.0	2.0	28.0	10,233.0	100
Minnesota .....	100.0	5.0	105.0	9,357.0	99
Mississippi .....	1.0	1.0	2.0	163.0	100
Missouri .....	17.0	4.0	21.0	1,344.0	97
Montana .....	3.0	2.0	5.0	294.0	100
Nebraska .....	7.5	0.5	8.0	1,299.0	100
Nevada .....	5.0	1.0	6.0	663.0	100
New Hampshire .....	1.5	0.5	2.0	280.0	100
New Jersey .....	1.5	0.5	2.0	125.0	100
New Mexico .....	39.0	3.0	42.0	7,789.0	100
New York .....	45.0	2.0	47.0	14,047.0	100
North Carolina .....	5.0	1.0	6.0	979.0	100
North Dakota .....	4.5	0.5	5.0	327.0	97
Ohio .....	20.0	5.0	25.0	5,468.0	97
Oklahoma .....	5.0	1.0	6.0	721.0	100
Oregon .....	20.0	1.0	21.0	2,530.0	100
Pennsylvania .....	57.0	12.0	69.0	10,731.0	100
Rhode Island .....	0.2	-	0.2	15.7	100
South Carolina .....	2.0	1.0	3.0	258.0	100
South Dakota .....	6.0	1.0	7.0	2,352.0	99
Tennessee .....	4.0	1.0	5.0	737.0	100
Texas .....	25.0	1.0	26.0	10,275.0	100
Utah .....	12.0	1.0	13.0	2,207.0	100
Vermont .....	14.0	2.0	16.0	2,650.0	100
Virginia .....	6.0	2.0	8.0	1,763.0	100
Washington .....	17.0	1.0	18.0	6,588.0	100
West Virginia .....	1.0	1.0	2.0	139.0	100
Wisconsin .....	244.0	15.0	259.0	28,771.0	99
Wyoming .....	1.3	0.2	1.5	133.9	100
United States .....	879.0	91.0	970.0	207,626.0	99

- Represents zero.

<sup>1</sup> Excludes milk sucked by calves.

<sup>2</sup> Milk sold to plants and dealers as whole milk and equivalent amounts of milk for cream. Includes milk produced by dealers' own herds and milk sold directly to consumers. Also includes milk produced by institutional herds.

<sup>3</sup> Percentage of milk sold that is eligible for fluid use (Grade A in most States). Includes fluid grade milk used in manufacturing dairy products.

## Milk and Cream Marketings and Income – States and United States: 2015

[May not add due to rounding]

State	Milk utilized	All milk average returns per cwt <sup>1</sup>	Returns per pound of milkfat	Cash receipts from marketings
	(million pounds)	(dollars)	(dollars)	(1,000 dollars)
Alabama .....	100.0	19.50	5.16	19,500
Alaska .....	3.1	22.00	5.58	682
Arizona .....	4,721.0	16.00	4.61	755,360
Arkansas .....	89.0	18.10	5.00	16,109
California .....	40,865.0	15.40	4.14	6,293,210
Colorado .....	3,735.0	17.80	4.94	664,830
Connecticut .....	393.0	18.40	4.72	72,312
Delaware .....	97.5	17.30	4.59	16,868
Florida .....	2,576.0	21.30	5.92	548,688
Georgia .....	1,789.0	20.00	5.54	357,800
Hawaii .....	34.8	28.80	8.32	10,022
Idaho .....	14,081.0	16.70	4.38	2,351,527
Illinois .....	1,882.0	17.70	4.69	333,114
Indiana .....	3,998.0	17.20	4.69	687,656
Iowa .....	4,823.0	17.30	4.56	834,379
Kansas .....	3,164.0	16.90	4.57	534,716
Kentucky .....	1,070.0	18.80	5.19	201,160
Louisiana .....	184.0	19.00	5.12	34,960
Maine .....	590.0	20.20	5.37	119,180
Maryland .....	976.0	17.60	4.71	171,776
Massachusetts .....	215.0	18.60	4.79	39,990
Michigan .....	10,233.0	16.60	4.54	1,698,678
Minnesota .....	9,357.0	17.60	4.56	1,646,832
Mississippi .....	163.0	19.40	5.17	31,622
Missouri .....	1,344.0	18.50	4.81	248,640
Montana .....	294.0	14.90	4.01	43,806
Nebraska .....	1,299.0	17.80	4.70	231,222
Nevada .....	663.0	17.70	4.96	117,351
New Hampshire .....	280.0	18.50	4.86	51,800
New Jersey .....	125.0	17.60	4.69	22,000
New Mexico .....	7,789.0	16.10	4.51	1,254,029
New York .....	14,047.0	18.20	4.81	2,556,554
North Carolina .....	979.0	18.60	5.14	182,094
North Dakota .....	327.0	17.10	4.55	55,917
Ohio .....	5,468.0	17.90	4.76	978,772
Oklahoma .....	721.0	18.60	5.11	134,106
Oregon .....	2,530.0	18.60	4.78	470,580
Pennsylvania .....	10,731.0	18.50	4.96	1,985,235
Rhode Island .....	15.7	18.90	4.58	2,967
South Carolina .....	258.0	19.80	5.08	51,084
South Dakota .....	2,352.0	18.50	4.61	435,120
Tennessee .....	737.0	18.80	5.19	138,556
Texas .....	10,275.0	17.70	4.56	1,818,675
Utah .....	2,207.0	17.00	4.56	375,190
Vermont .....	2,650.0	18.60	4.86	492,900
Virginia .....	1,763.0	19.40	5.27	342,022
Washington .....	6,588.0	17.20	4.42	1,133,136
West Virginia .....	139.0	17.50	4.74	24,325
Wisconsin .....	28,771.0	17.80	4.73	5,121,238
Wyoming .....	133.9	18.30	5.30	24,504
United States .....	207,626.0	17.21	4.59	35,732,794

<sup>1</sup> Cash receipts divided by milk or milkfat in combined marketings.



## Value of Milk Production – States and United States: 2015

[May not add due to rounding]

State	Used for milk, cream, and butter by producers		Gross producer income <sup>2</sup>	Value of milk produced <sup>1 3</sup>
	Milk utilized	Value <sup>1</sup>		
	(million pounds)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
Alabama .....	0.3	59	19,559	19,695
Alaska .....	0.2	44	726	770
Arizona .....	1.0	160	755,520	757,440
Arkansas .....	0.3	54	16,163	16,471
California .....	4.0	616	6,293,826	6,298,138
Colorado .....	1.0	178	665,008	668,746
Connecticut .....	0.5	92	72,404	72,864
Delaware .....	0.1	17	16,885	17,041
Florida .....	1.0	213	548,901	549,966
Georgia .....	1.0	200	358,000	359,400
Hawaii .....	0.1	29	10,051	10,080
Idaho .....	1.0	167	2,351,694	2,357,038
Illinois .....	2.0	354	333,468	335,238
Indiana .....	4.0	688	688,344	692,300
Iowa .....	1.0	173	834,552	836,974
Kansas .....	1.0	169	534,885	536,744
Kentucky .....	1.0	188	201,348	202,476
Louisiana .....	1.0	190	35,150	35,720
Maine .....	1.0	202	119,382	119,988
Maryland .....	1.0	176	171,952	173,008
Massachusetts .....	0.5	93	40,083	40,362
Michigan .....	2.0	332	1,699,010	1,703,326
Minnesota .....	5.0	880	1,647,712	1,665,312
Mississippi .....	1.0	194	31,816	32,010
Missouri .....	4.0	740	249,380	252,525
Montana .....	2.0	298	44,104	44,551
Nebraska .....	0.5	89	231,311	232,646
Nevada .....	1.0	177	117,528	118,413
New Hampshire .....	0.5	93	51,893	52,170
New Jersey .....	0.5	88	22,088	22,352
New Mexico .....	3.0	483	1,254,512	1,260,791
New York .....	2.0	364	2,556,918	2,565,108
North Carolina .....	1.0	186	182,280	183,210
North Dakota .....	0.5	86	56,003	56,772
Ohio .....	5.0	895	979,667	983,247
Oklahoma .....	1.0	186	134,292	135,222
Oregon .....	1.0	186	470,766	474,486
Pennsylvania .....	12.0	2,220	1,987,455	1,998,000
Rhode Island .....	-	-	2,967	3,005
South Carolina .....	1.0	198	51,282	51,678
South Dakota .....	1.0	185	435,305	436,415
Tennessee .....	1.0	188	138,744	139,496
Texas .....	1.0	177	1,818,852	1,823,277
Utah .....	1.0	170	375,360	377,400
Vermont .....	2.0	372	493,272	495,876
Virginia .....	2.0	388	342,410	343,574
Washington .....	1.0	172	1,133,308	1,136,232
West Virginia .....	1.0	175	24,500	24,675
Wisconsin .....	15.0	2,670	5,123,908	5,167,340
Wyoming .....	0.2	37	24,541	24,778
United States .....	91.0	16,291	35,749,085	35,904,346

- Represents zero.

<sup>1</sup> Value at average returns per 100 pounds of milk in combined marketings of milk and cream.

<sup>2</sup> Cash receipts from marketings of milk and cream plus value of milk used for home consumption.

<sup>3</sup> Includes value of milk fed to calves.

# Milk Cows and Production of Milk and Milkfat – States and United States: 2016

[May not add due to rounding]

State	Number of milk cows <sup>1</sup> (1,000 head)	Production of milk and milkfat <sup>2</sup>				
		Per milk cow		All milk percent of fat (percent)	Total	
		Milk (pounds)	Milkfat (pounds)		Milk (million pounds)	Milkfat (million pounds)
Alabama	7.0	13,143	499	3.80	92.0	3.5
Alaska	0.3	11,667	455	3.90	3.5	0.1
Arizona	196.0	24,429	865	3.54	4,788.0	169.5
Arkansas	6.0	13,167	483	3.67	79.0	2.9
California	1,762.0	22,968	870	3.79	40,469.0	1,533.8
Colorado	151.0	25,980	948	3.65	3,923.0	143.2
Connecticut	19.0	21,474	842	3.92	408.0	16.0
Delaware	5.0	19,100	724	3.79	95.5	3.6
Florida	123.0	20,350	737	3.62	2,503.0	90.6
Georgia	84.0	21,786	780	3.58	1,830.0	65.5
Hawaii	2.4	14,542	490	3.37	34.9	1.2
Idaho	595.0	24,647	951	3.86	14,665.0	566.1
Illinois	94.0	20,245	767	3.79	1,903.0	72.1
Indiana	184.0	22,560	835	3.70	4,151.0	153.6
Iowa	213.0	23,634	908	3.84	5,034.0	193.3
Kansas	146.0	22,801	841	3.69	3,329.0	122.8
Kentucky	58.0	18,069	661	3.66	1,048.0	38.4
Louisiana	12.0	14,083	524	3.72	169.0	6.3
Maine	30.0	21,000	794	3.78	630.0	23.8
Maryland	48.0	19,917	751	3.77	956.0	36.0
Massachusetts	12.0	17,917	697	3.89	215.0	8.4
Michigan	419.0	25,957	953	3.67	10,876.0	399.1
Minnesota	461.0	20,967	818	3.90	9,666.0	377.0
Mississippi	10.0	14,400	546	3.79	144.0	5.5
Missouri	88.0	15,602	605	3.88	1,373.0	53.3
Montana	14.0	21,071	786	3.73	295.0	11.0
Nebraska	60.0	23,317	888	3.81	1,399.0	53.3
Nevada	30.0	22,000	785	3.57	660.0	23.6
New Hampshire	14.0	20,286	779	3.84	284.0	10.9
New Jersey	7.0	17,429	668	3.83	122.0	4.7
New Mexico	315.0	24,479	879	3.59	7,711.0	276.8
New York	620.0	23,815	907	3.81	14,765.0	562.5
North Carolina	46.0	20,978	770	3.67	965.0	35.4
North Dakota	16.0	21,563	834	3.87	345.0	13.4
Ohio	265.0	20,875	795	3.81	5,532.0	210.8
Oklahoma	37.0	18,703	692	3.70	692.0	25.6
Oregon	125.0	20,744	819	3.95	2,593.0	102.4
Pennsylvania	529.0	20,454	775	3.79	10,820.0	410.1
Rhode Island	0.8	17,500	697	3.98	14.0	0.6
South Carolina	15.0	16,667	642	3.85	250.0	9.6
South Dakota	115.0	22,139	899	4.06	2,546.0	103.4
Tennessee	42.0	16,571	608	3.67	696.0	25.5
Texas	475.0	22,680	898	3.96	10,773.0	426.6
Utah	92.0	22,772	865	3.80	2,095.0	79.6
Vermont	130.0	20,954	798	3.81	2,724.0	103.8
Virginia	90.0	19,144	710	3.71	1,723.0	63.9
Washington	276.0	24,094	954	3.96	6,650.0	263.3
West Virginia	9.0	14,889	554	3.72	134.0	5.0
Wisconsin	1,279.0	23,552	890	3.78	30,123.0	1,138.6
Wyoming	6.0	23,300	832	3.57	139.8	5.0
United States	9,328.0	22,774	863	3.79	212,436.0	8,051.0

<sup>1</sup> Average number during year, excluding heifers not yet fresh.

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

## Quantity of Milk Used and Marketed by Producers – States and United States: 2016

[May not add due to rounding]

State	Milk used where produced			Milk marketed by producers	
	Fed to calves <sup>1</sup>	Used for milk cream and butter	Total	Total <sup>2</sup>	Fluid grade <sup>3</sup>
	(million pounds)	(million pounds)	(million pounds)	(million pounds)	(percent)
Alabama .....	0.7	0.3	1.0	91.0	100
Alaska .....	0.1	0.2	0.3	3.2	100
Arizona .....	12.0	1.0	13.0	4,775.0	100
Arkansas .....	1.7	0.3	2.0	77.0	100
California .....	27.0	4.0	31.0	40,438.0	98
Colorado .....	21.0	1.0	22.0	3,901.0	100
Connecticut .....	2.5	0.5	3.0	405.0	100
Delaware .....	0.9	0.1	1.0	94.5	100
Florida .....	5.0	1.0	6.0	2,497.0	100
Georgia .....	7.0	1.0	8.0	1,822.0	100
Hawaii .....	0.1	0.1	0.2	34.7	100
Idaho .....	30.0	1.0	31.0	14,634.0	100
Illinois .....	10.0	2.0	12.0	1,891.0	98
Indiana .....	26.0	4.0	30.0	4,121.0	100
Iowa .....	14.0	1.0	15.0	5,019.0	99
Kansas .....	13.0	1.0	14.0	3,315.0	100
Kentucky .....	5.0	1.0	6.0	1,042.0	100
Louisiana .....	2.0	1.0	3.0	166.0	100
Maine .....	3.0	1.0	4.0	626.0	100
Maryland .....	7.0	1.0	8.0	948.0	100
Massachusetts .....	1.5	0.5	2.0	213.0	100
Michigan .....	38.0	2.0	40.0	10,836.0	100
Minnesota .....	100.0	5.0	105.0	9,561.0	99
Mississippi .....	1.0	1.0	2.0	142.0	100
Missouri .....	17.0	4.0	21.0	1,352.0	97
Montana .....	3.0	2.0	5.0	290.0	100
Nebraska .....	6.5	0.5	7.0	1,392.0	100
Nevada .....	5.0	1.0	6.0	654.0	100
New Hampshire .....	1.5	0.5	2.0	282.0	100
New Jersey .....	1.5	0.5	2.0	120.0	100
New Mexico .....	40.0	3.0	43.0	7,668.0	100
New York .....	50.0	2.0	52.0	14,713.0	100
North Carolina .....	4.0	1.0	5.0	960.0	100
North Dakota .....	4.5	0.5	5.0	340.0	97
Ohio .....	22.0	5.0	27.0	5,505.0	97
Oklahoma .....	5.0	1.0	6.0	686.0	100
Oregon .....	20.0	1.0	21.0	2,572.0	100
Pennsylvania .....	59.0	13.0	72.0	10,748.0	100
Rhode Island .....	0.2	-	0.2	13.8	100
South Carolina .....	2.0	1.0	3.0	247.0	100
South Dakota .....	6.0	1.0	7.0	2,539.0	100
Tennessee .....	4.0	1.0	5.0	691.0	100
Texas .....	27.0	1.0	28.0	10,745.0	100
Utah .....	13.0	1.0	14.0	2,081.0	100
Vermont .....	15.0	2.0	17.0	2,707.0	100
Virginia .....	8.0	2.0	10.0	1,713.0	100
Washington .....	19.0	1.0	20.0	6,630.0	100
West Virginia .....	2.0	1.0	3.0	131.0	100
Wisconsin .....	244.0	16.0	260.0	29,863.0	99
Wyoming .....	1.3	0.2	1.5	138.3	100
United States .....	909.0	93.0	1,002.0	211,434.0	99

- Represents zero.

<sup>1</sup> Excludes milk sucked by calves.

<sup>2</sup> Milk sold to plants and dealers as whole milk and equivalent amounts of milk for cream. Includes milk produced by dealers' own herds and milk sold directly to consumers. Also includes milk produced by institutional herds.

<sup>3</sup> Percentage of milk sold that is eligible for fluid use (Grade A in most States). Includes fluid grade milk used in manufacturing dairy products.

## Milk and Cream Marketings and Income – States and United States: 2016

[May not add due to rounding]

State	Milk utilized	All milk average returns per cwt <sup>1</sup>	Returns per pound of milkfat	Cash receipts from marketings
	(million pounds)	(dollars)	(dollars)	(1,000 dollars)
Alabama .....	91.0	17.10	4.50	15,561
Alaska .....	3.2	21.90	5.62	701
Arizona .....	4,775.0	15.10	4.27	721,025
Arkansas .....	77.0	16.60	4.52	12,782
California .....	40,438.0	15.00	3.96	6,065,700
Colorado .....	3,901.0	16.70	4.58	651,467
Connecticut .....	405.0	17.00	4.34	68,850
Delaware .....	94.5	17.00	4.49	16,065
Florida .....	2,497.0	19.60	5.41	489,412
Georgia .....	1,822.0	17.50	4.89	318,850
Hawaii .....	34.7	26.70	7.92	9,265
Idaho .....	14,634.0	16.10	4.17	2,356,074
Illinois .....	1,891.0	16.60	4.38	313,906
Indiana .....	4,121.0	16.20	4.38	667,602
Iowa .....	5,019.0	16.60	4.32	833,154
Kansas .....	3,315.0	16.00	4.34	530,400
Kentucky .....	1,042.0	17.20	4.70	179,224
Louisiana .....	166.0	16.70	4.49	27,722
Maine .....	626.0	18.70	4.95	117,062
Maryland .....	948.0	17.20	4.56	163,056
Massachusetts ..	213.0	17.30	4.45	36,849
Michigan .....	10,836.0	15.10	4.11	1,636,236
Minnesota .....	9,561.0	16.80	4.31	1,606,248
Mississippi .....	142.0	17.20	4.54	24,424
Missouri .....	1,352.0	16.90	4.36	228,488
Montana .....	290.0	13.90	3.73	40,310
Nebraska .....	1,392.0	16.90	4.44	235,248
Nevada .....	654.0	16.30	4.57	106,602
New Hampshire ..	282.0	17.40	4.53	49,068
New Jersey .....	120.0	16.40	4.28	19,680
New Mexico .....	7,668.0	15.60	4.35	1,196,208
New York .....	14,713.0	17.00	4.46	2,501,210
North Carolina ..	960.0	17.10	4.66	164,160
North Dakota .....	340.0	16.20	4.19	55,080
Ohio .....	5,505.0	16.80	4.41	924,840
Oklahoma .....	686.0	17.70	4.78	121,422
Oregon .....	2,572.0	18.10	4.58	465,532
Pennsylvania ...	10,748.0	17.20	4.54	1,848,656
Rhode Island ....	13.8	17.20	4.32	2,374
South Carolina ..	247.0	17.80	4.62	43,966
South Dakota ...	2,539.0	17.60	4.33	446,864
Tennessee .....	691.0	17.20	4.69	118,852
Texas .....	10,745.0	17.20	4.34	1,848,140
Utah .....	2,081.0	16.00	4.21	332,960
Vermont .....	2,707.0	17.30	4.54	468,311
Virginia .....	1,713.0	18.00	4.85	308,340
Washington .....	6,630.0	16.50	4.17	1,093,950
West Virginia ....	131.0	16.10	4.33	21,091
Wisconsin .....	29,863.0	16.80	4.44	5,016,984
Wyoming .....	138.3	16.70	4.68	23,096
United States ...	211,434.0	16.34	4.31	34,543,067

<sup>1</sup> Cash receipts divided by milk or milkfat in combined marketings.

## Value of Milk Production – States and United States: 2016

[May not add due to rounding]

State	Used for milk, cream & butter by producers		Gross producer income <sup>2</sup>	Value of milk produced <sup>1 3</sup>
	Milk utilized	Value <sup>1</sup>		
	(million pounds)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
Alabama .....	0.3	51	15,612	15,732
Alaska .....	0.2	44	745	767
Arizona .....	1.0	151	721,176	722,988
Arkansas .....	0.3	50	12,832	13,114
California .....	4.0	600	6,066,300	6,070,350
Colorado .....	1.0	167	651,634	655,141
Connecticut .....	0.5	85	68,935	69,360
Delaware .....	0.1	17	16,082	16,235
Florida .....	1.0	196	489,608	490,588
Georgia .....	1.0	175	319,025	320,250
Hawaii .....	0.1	27	9,292	9,318
Idaho .....	1.0	161	2,356,235	2,361,065
Illinois .....	2.0	332	314,238	315,898
Indiana .....	4.0	648	668,250	672,462
Iowa .....	1.0	166	833,320	835,644
Kansas .....	1.0	160	530,560	532,640
Kentucky .....	1.0	172	179,396	180,256
Louisiana .....	1.0	167	27,889	28,223
Maine .....	1.0	187	117,249	117,810
Maryland .....	1.0	172	163,228	164,432
Massachusetts .....	0.5	87	36,936	37,195
Michigan .....	2.0	302	1,636,538	1,642,276
Minnesota .....	5.0	840	1,607,088	1,623,888
Mississippi .....	1.0	172	24,596	24,768
Missouri .....	4.0	676	229,164	232,037
Montana .....	2.0	278	40,588	41,005
Nebraska .....	0.5	85	235,333	236,431
Nevada .....	1.0	163	106,765	107,580
New Hampshire .....	0.5	87	49,155	49,416
New Jersey .....	0.5	82	19,762	20,008
New Mexico .....	3.0	468	1,196,676	1,202,916
New York .....	2.0	340	2,501,550	2,510,050
North Carolina .....	1.0	171	164,331	165,015
North Dakota .....	0.5	81	55,161	55,890
Ohio .....	5.0	840	925,680	929,376
Oklahoma .....	1.0	177	121,599	122,484
Oregon .....	1.0	181	465,713	469,333
Pennsylvania .....	13.0	2,236	1,850,892	1,861,040
Rhode Island .....	-	-	2,374	2,408
South Carolina .....	1.0	178	44,144	44,500
South Dakota .....	1.0	176	447,040	448,096
Tennessee .....	1.0	172	119,024	119,712
Texas .....	1.0	172	1,848,312	1,852,956
Utah .....	1.0	160	333,120	335,200
Vermont .....	2.0	346	468,657	471,252
Virginia .....	2.0	360	308,700	310,140
Washington .....	1.0	165	1,094,115	1,097,250
West Virginia .....	1.0	161	21,252	21,574
Wisconsin .....	16.0	2,688	5,019,672	5,060,664
Wyoming .....	0.2	33	23,129	23,347
United States .....	93.0	15,605	34,558,672	34,710,080

- Represents zero.

<sup>1</sup> Value at average returns per 100 pounds of milk in combined marketings of milk and cream.

<sup>2</sup> Cash receipts from marketings of milk and cream plus value of milk used for home consumption.

<sup>3</sup> Includes value of milk fed to calves.

## Statistical Methodology

**Survey Procedures:** These estimates are based on inventory and price estimates as published in NASS milk production and agricultural prices reports, as well as information obtained from federal market milk orders and other sources. Readers are referred to the Survey Procedures section in NASS' monthly *Milk Production* and monthly *Agricultural Prices* publications.

**Estimation Procedures:** Estimation procedures for prices and milk production estimates are defined in the Estimation Procedures section of the reports referenced above.

**Revision Policy:** Revisions to previous estimates are made to improve current estimates. Previous year estimates of milk production are subject to revision when the current year estimates are made. Estimates are also reviewed after data from the Department of Agriculture five-year Census of Agriculture are available. No revisions are made after that date.

## 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](mailto:nass@nass.usda.gov).

Dan Kerestes, Chief, Livestock Branch .....	(202) 720-3570
Scott Hollis, Head, Livestock Section .....	(202) 690-2424
Sherry Bertramsen – Livestock Slaughter .....	(202) 720-3240
David Colwell – Sheep and Goats .....	(202) 720-8784
Donnie Fike – Dairy Products .....	(202) 690-3236
Michael Klamm – Cattle, Cattle on Feed .....	(202) 720-3040
Mike Miller – Milk Production and Milk Cows .....	(202) 720-3278
Seth Riggins – Hogs and Pigs .....	(202) 720-3106

## 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: [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.

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](mailto:nass@nass.usda.gov).

The U.S. Department of Agriculture (USDA) prohibits discrimination against its customers, employees, and applicants for employment on the basis of race, color, national origin, age, disability, sex, gender identity, religion, reprisal, and where applicable, political beliefs, marital status, familial or parental status, sexual orientation, or all or part of an individual's income is derived from any public assistance program, or protected genetic information in employment or in any program or activity conducted or funded by the Department. (Not all prohibited bases will apply to all programs and/or employment activities.)

If you wish to file a Civil Rights program complaint of discrimination, complete the [USDA Program Discrimination Complaint Form](#) (PDF), found online at [http://www.ascr.usda.gov/complaint\\_filing\\_cust.html](http://www.ascr.usda.gov/complaint_filing_cust.html), or at any USDA office, or call (866) 632-9992 to request the form. You may also write a letter containing all of the information requested in the form. Send your completed complaint form or letter to us by mail at U.S. Department of Agriculture, Director, Office of Adjudication, 1400 Independence Avenue, S.W., Washington, D.C. 20250-9410, by fax (202) 690-7442 or email at [program.intake@usda.gov](mailto:program.intake@usda.gov).