

CHAPTER VIII
DAIRY AND POULTRY STATISTICS

Dairy statistics in this chapter include series relating to many phases of production, movement, prices, stocks, and consumption of milk and its products. Two series of number of milk cows on farms are included in this publication. One series is an inventory number of a specific classification estimated as one of the major groups making up the total cattle population on January 1. The other series identified as ‘‘milk cows’’ is an annual average number of milk cows during the year (excluding any not yet fresh) and is used in estimating milk production.

In comparing the several series of milk prices, it is important to note that prices received by farmers for all whole milk sold are for milk or milkfat content as actually sold, while certain prices paid by dealers for milk for fluid purposes or for specified manufacturing purposes may be quoted on a 3.5 percent butterfat basis, or for some types of manufacturing milk on the test of the milk used for that particular purpose.

Poultry and poultry products statistics include inventory numbers of chickens by classes; the production, disposition, cash receipts, and gross income from chickens and eggs; poultry and egg receipts at principal markets; commercial broiler production; turkey production, disposition, and gross income; poultry and eggs under Federal inspection; and the National Poultry Improvement Plan. Estimates relating to inventories, production, and income exclude poultry and eggs produced on places not classified as farms.

Table 8-1.—Milk cows and heifers: Number that have calved and heifers 500 pounds and over kept for milk cow replacements, United States, Jan. 1, 2010–2019

Year	Milk cows and heifers that have calved	Heifers 500 pounds and over kept for milk cow replacements
	<i>Thousands</i>	<i>Thousands</i>
2010	9,087	4,551
2011	9,156	4,577
2012	9,236	4,618
2013	9,221	4,546
2014	9,209	4,539
2015	9,312	4,710
2016	9,312	4,814
2017	9,369	4,754
2018	9,432	4,788
2019	9,353	4,702

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Table 8-2.—Milk cows and heifers: Number that have calved and heifers 500 pounds and over kept for milk cow replacements, by State and United States, Jan. 1, 2018 and 2019

State	Milk cows and heifers that have calved		Heifers 500 pounds and over kept for milk cow replacements	
	2018	2019	2018	2019
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Alabama	6.0	5.0	3.0	2.0
Alaska	0.3	0.2	0.1	0.1
Arizona	210.0	205.0	105.0	115.0
Arkansas	6.0	5.0	4.0	4.0
California	1,740.0	1,730.0	780.0	760.0
Colorado	168.0	178.0	100.0	110.0
Connecticut	20.0	19.5	9.5	9.0
Delaware	5.0	4.5	2.0	1.6
Florida	124.0	116.0	40.0	35.0
Georgia	85.0	81.0	25.0	30.0
Hawaii	2.0	1.5	1.0	1.0
Idaho	600.0	614.0	310.0	340.0
Illinois	93.0	85.0	47.0	45.0
Indiana	187.0	181.0	75.0	80.0
Iowa	220.0	220.0	135.0	125.0
Kansas	156.0	161.0	140.0	170.0
Kentucky	57.0	53.0	45.0	45.0
Louisiana	12.0	11.0	4.0	4.0
Maine	30.0	29.0	15.0	14.0
Maryland	47.0	44.0	28.0	30.0
Massachusetts	11.5	10.5	7.0	6.5
Michigan	428.0	422.0	176.0	160.0
Minnesota	455.0	450.0	290.0	255.0
Mississippi	9.0	8.0	7.0	5.0
Missouri	84.0	81.0	40.0	40.0
Montana	13.0	12.0	7.0	8.0
Nebraska	60.0	59.0	15.0	15.0
Nevada	32.0	33.0	12.0	11.0
New Hampshire	12.5	12.0	7.0	6.5
New Jersey	6.0	5.5	3.2	3.3
New Mexico	332.0	325.0	130.0	125.0
New York	625.0	625.0	350.0	335.0
North Carolina	45.0	43.0	17.0	20.0
North Dakota	16.0	15.0	9.0	8.0
Ohio	264.0	253.0	121.0	125.0
Oklahoma	42.0	40.0	25.0	20.0
Oregon	124.0	125.0	70.0	65.0
Pennsylvania	525.0	505.0	310.0	290.0
Rhode Island	0.8	0.7	0.5	0.5
South Carolina	15.0	14.0	6.0	5.0
South Dakota	119.0	122.0	45.0	40.0
Tennessee	40.0	36.0	25.0	25.0
Texas	530.0	545.0	250.0	260.0
Utah	97.0	100.0	50.0	50.0
Vermont	128.0	126.0	57.0	55.0
Virginia	87.0	79.0	40.0	37.0
Washington	275.0	280.0	123.0	123.0
West Virginia	7.0	7.0	3.0	3.0
Wisconsin	1,275.0	1,270.0	700.0	680.0
Wyoming	6.0	6.0	4.0	4.0
United States	9,432.1	9,353.4	4,768.3	4,701.5

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Table 8-3.—Milk and milkfat production: Number of milk cows, production per cow, and total quantity produced, by State and United States, 2017 ¹

State	Number of milk cows ²	Production of milk and milkfat ³				
		Per milk cow		All milk percent of fat	Total	
		Milk	Milkfat		Milk	Milkfat
	<i>Thousands</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Percent</i>	<i>Million pounds</i>	<i>Million pounds</i>
Alabama	6.0	15,000	579	3.86	90.0	3.5
Alaska	0.3	9,667	379	3.92	2.9	0.1
Arizona	208.0	24,197	876	3.62	5,033.0	182.2
Arkansas	6.0	13,333	496	3.72	80.0	3.0
California	1,749.0	22,755	876	3.85	39,798.0	1,532.2
Colorado	162.0	25,858	954	3.69	4,189.0	154.6
Connecticut	19.0	22,105	871	3.94	420.0	16.5
Delaware	5.0	18,560	716	3.86	92.8	3.6
Florida	124.0	20,129	743	3.69	2,496.0	92.1
Georgia	84.0	21,905	795	3.63	1,840.0	66.8
Hawaii	2.3	16,913	560	3.31	38.9	1.3
Idaho	600.0	24,388	954	3.91	14,633.0	572.2
Illinois	93.0	20,742	796	3.84	1,929.0	74.1
Indiana	187.0	22,754	851	3.74	4,255.0	159.1
Iowa	218.0	23,757	919	3.87	5,179.0	200.4
Kansas	152.0	23,020	866	3.76	3,499.0	131.6
Kentucky	56.0	18,607	700	3.76	1,042.0	39.2
Louisiana	12.0	13,417	521	3.88	161.0	6.2
Maine	30.0	21,000	809	3.85	630.0	24.3
Maryland	48.0	19,917	761	3.82	956.0	36.5
Massachusetts ..	12.0	17,583	695	3.95	211.0	8.3
Michigan	427.0	26,302	978	3.72	11,231.0	417.8
Minnesota	458.0	21,544	838	3.89	9,867.0	383.8
Mississippi	9.0	15,222	585	3.84	137.0	5.3
Missouri	85.0	14,600	574	3.93	1,241.0	48.8
Montana	13.0	22,154	831	3.75	288.0	10.8
Nebraska	60.0	24,067	924	3.84	1,444.0	55.4
Nevada	32.0	22,156	866	3.91	709.0	27.7
New Hampshire ..	13.0	21,000	817	3.89	273.0	10.6
New Jersey	6.0	19,833	758	3.82	119.0	4.5
New Mexico	329.0	24,960	909	3.64	8,212.0	298.9
New York	624.0	23,925	921	3.85	14,929.0	574.8
North Carolina ..	45.0	21,156	793	3.75	952.0	35.7
North Dakota	16.0	21,563	826	3.83	345.0	13.2
Ohio	264.0	21,284	822	3.86	5,619.0	216.9
Oklahoma	40.0	18,200	684	3.76	728.0	27.4
Oregon	124.0	20,395	816	4.00	2,529.0	101.2
Pennsylvania	525.0	20,749	795	3.83	10,893.0	417.2
Rhode Island	0.8	16,250	644	3.96	13.0	0.5
South Carolina ..	15.0	16,533	637	3.85	248.0	9.5
South Dakota	117.0	22,376	913	4.08	2,618.0	106.8
Tennessee	40.0	17,325	651	3.76	693.0	26.1
Texas	515.0	23,406	946	4.04	12,054.0	487.0
Utah	96.0	23,073	877	3.80	2,215.0	84.2
Vermont	129.0	21,155	819	3.87	2,729.0	105.6
Virginia	87.0	19,954	748	3.75	1,736.0	65.1
Washington	274.0	23,836	953	4.00	6,531.0	261.2
West Virginia	8.0	15,875	602	3.79	127.0	4.8
Wisconsin	1,278.0	23,735	907	3.82	30,333.0	1,158.7
Wyoming	6.0	23,033	838	3.64	138.2	5.0
United States	9,406.0	22,914	880	3.84	215,527.0	8,272.3

¹ May not add due to rounding. ² Average number during year, excluding heifers not yet fresh. ³ Excludes milk sucked by calves.
 NASS, Livestock Branch, (202) 720-3570.

Table 8-4.—Milk and milkfat production: Number of milk cows, production per cow, and total quantity produced, by State and United States, 2018 ¹

State	Number of milk cows ²	Production of milk and milkfat ³				
		Per milk cow		All milk percent of fat	Total	
		Milk	Milkfat		Milk	Milkfat
	<i>Thousands</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Percent</i>	<i>Million pounds</i>	<i>Million pounds</i>
Alabama	5.0	14,600	566	3.88	73.0	2.8
Alaska	0.3	9,333	367	3.93	2.8	0.1
Arizona	208.0	23,933	876	3.66	4,978.0	182.2
Arkansas	6.0	12,333	467	3.79	74.0	2.8
California	1,734.0	23,306	909	3.90	40,413.0	1,576.1
Colorado	176.0	25,892	968	3.74	4,557.0	170.4
Connecticut	19.0	22,474	890	3.96	427.0	16.9
Delaware	4.8	19,063	732	3.84	91.5	3.5
Florida	120.0	19,842	730	3.68	2,381.0	87.6
Georgia	82.0	21,537	784	3.64	1,766.0	64.3
Hawaii	2.0	17,000	588	3.46	34.0	1.2
Idaho	609.0	24,875	985	3.96	15,149.0	599.9
Illinois	90.0	20,867	812	3.89	1,878.0	73.1
Indiana	184.0	22,614	855	3.78	4,161.0	157.3
Iowa	220.0	23,945	943	3.94	5,268.0	207.6
Kansas	159.0	23,321	900	3.86	3,708.0	143.1
Kentucky	55.0	18,345	695	3.79	1,009.0	38.2
Louisiana	11.0	13,818	558	4.04	152.0	6.1
Maine	30.0	20,600	797	3.87	618.0	23.9
Maryland	45.0	20,556	785	3.82	925.0	35.3
Massachusetts ..	11.0	18,364	731	3.98	202.0	8.0
Michigan	424.0	26,340	1,006	3.82	11,168.0	426.6
Minnesota	453.0	21,784	867	3.98	9,868.0	392.7
Mississippi	9.0	14,333	579	4.04	129.0	5.2
Missouri	83.0	14,386	573	3.98	1,194.0	47.5
Montana	12.0	22,833	868	3.80	274.0	10.4
Nebraska	60.0	24,000	926	3.86	1,440.0	55.6
Nevada	32.0	22,938	906	3.95	734.0	29.0
New Hampshire ..	12.0	20,750	811	3.91	249.0	9.7
New Jersey	6.0	18,333	697	3.80	110.0	4.2
New Mexico	330.0	25,106	929	3.70	8,285.0	306.5
New York	623.0	23,888	922	3.86	14,882.0	574.4
North Carolina ..	44.0	21,295	803	3.77	937.0	35.3
North Dakota	15.0	22,267	875	3.93	334.0	13.1
Ohio	259.0	21,359	831	3.89	5,532.0	215.2
Oklahoma	40.0	18,125	692	3.82	725.0	27.7
Oregon	123.0	20,577	835	4.06	2,531.0	102.8
Pennsylvania	519.0	20,549	783	3.81	10,665.0	406.3
Rhode Island	0.7	16,714	674	4.03	11.7	0.5
South Carolina ..	14.0	17,286	666	3.85	242.0	9.3
South Dakota	121.0	22,355	932	4.17	2,705.0	112.8
Tennessee	37.0	17,135	649	3.79	634.0	24.0
Texas	537.0	23,933	984	4.11	12,852.0	528.2
Utah	100.0	23,220	899	3.87	2,322.0	89.9
Vermont	127.0	21,102	823	3.90	2,680.0	104.5
Virginia	83.0	19,699	745	3.78	1,635.0	61.8
Washington	277.0	24,318	987	4.06	6,736.0	273.5
West Virginia	7.0	15,857	606	3.82	111.0	4.2
Wisconsin	1,274.0	24,002	934	3.89	30,579.0	1,189.5
Wyoming	6.0	23,700	863	3.64	142.2	5.2
United States	9,399.0	23,149	900	3.89	217,575.0	8,466.0

¹ May not add due to rounding. ² Average number during year, excluding heifers not yet fresh. ³ Excludes milk sucked by calves.

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Table 8-5.—Milk: Quantities used and marketed by producers, by State and United States, 2017¹

State	Milk used where produced			Milk marketed by producers	
	Fed to calves ²	Used for milk cream & butter	Total	Total quantity ³	Fluid grade ⁴
	Million pounds	Million pounds	Million pounds	Million pounds	Percent
Alabama	0.7	0.3	1.0	89.0	100
Alaska	0.2	0.2	0.4	2.5	100
Arizona	13.0	1.0	14.0	5,019.0	100
Arkansas	1.7	0.3	2.0	78.0	100
California	26.0	4.0	30.0	39,768.0	97
Colorado	21.0	1.0	22.0	4,167.0	100
Connecticut	2.5	0.5	3.0	417.0	100
Delaware	0.9	0.1	1.0	91.8	100
Florida	5.0	1.0	6.0	2,490.0	100
Georgia	7.0	1.0	8.0	1,832.0	100
Hawaii	0.1	0.1	0.2	38.7	100
Idaho	31.0	1.0	32.0	14,601.0	100
Illinois	10.0	2.0	12.0	1,917.0	98
Indiana	23.0	4.0	27.0	4,228.0	100
Iowa	15.0	1.0	16.0	5,163.0	100
Kansas	13.0	1.0	14.0	3,485.0	100
Kentucky	6.0	1.0	7.0	1,035.0	100
Louisiana	2.0	1.0	3.0	158.0	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	209.0	100
Michigan	33.0	2.0	35.0	11,196.0	100
Minnesota	95.0	4.0	99.0	9,768.0	99
Mississippi	1.0	1.0	2.0	135.0	100
Missouri	17.0	4.0	21.0	1,220.0	97
Montana	3.0	2.0	5.0	283.0	100
Nebraska	5.5	0.5	6.0	1,438.0	100
Nevada	5.0	1.0	6.0	703.0	100
New Hampshire	1.5	0.5	2.0	271.0	100
New Jersey	1.5	0.5	2.0	117.0	100
New Mexico	42.0	3.0	45.0	8,167.0	100
New York	55.0	2.0	57.0	14,872.0	100
North Carolina	5.0	1.0	6.0	946.0	100
North Dakota	4.5	0.5	5.0	340.0	98
Ohio	24.0	5.0	29.0	5,590.0	97
Oklahoma	6.0	1.0	7.0	721.0	100
Oregon	20.0	1.0	21.0	2,508.0	100
Pennsylvania	61.0	14.0	75.0	10,818.0	100
Rhode Island	0.1	-	0.1	12.9	100
South Carolina	2.0	1.0	3.0	245.0	100
South Dakota	7.0	1.0	8.0	2,610.0	100
Tennessee	4.0	1.0	5.0	688.0	100
Texas	25.0	1.0	26.0	12,028.0	100
Utah	12.0	1.0	13.0	2,202.0	100
Vermont	14.0	2.0	16.0	2,713.0	100
Virginia	8.0	2.0	10.0	1,726.0	100
Washington	17.0	1.0	18.0	6,513.0	100
West Virginia	2.0	1.0	3.0	124.0	100
Wisconsin	239.0	14.0	253.0	30,080.0	99
Wyoming	1.3	0.2	1.5	136.7	100
United States	901.0	91.0	992.0	214,535.0	99

- Represents zero. ¹ May not add due to rounding. ² Excludes milk sucked by calves. ³ 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. ⁴ Percentage of milk sold that is eligible for fluid use (Grade A in most States). Includes fluid grade milk used in manufacturing dairy products.
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Table 8-6.—Milk: Quantities used and marketed by producers, by State and United States, 2018¹

State	Milk used where produced			Milk marketed by producers	
	Fed to calves ²	Used for milk cream & butter	Total	Total quantity ³	Fluid grade ⁴
	Million pounds	Million pounds	Million pounds	Million pounds	Percent
Alabama	0.7	0.3	1.0	72.0	100
Alaska	0.2	0.3	0.5	2.3	100
Arizona	14.0	1.0	15.0	4,963.0	100
Arkansas	1.7	0.3	2.0	72.0	100
California	26.0	4.0	30.0	40,383.0	97
Colorado	21.0	1.0	22.0	4,535.0	100
Connecticut	2.5	0.5	3.0	424.0	100
Delaware	0.9	0.1	1.0	90.5	100
Florida	5.0	1.0	6.0	2,375.0	100
Georgia	7.0	1.0	8.0	1,758.0	100
Hawaii	0.1	0.1	0.2	33.8	100
Idaho	33.0	1.0	34.0	15,115.0	100
Illinois	10.0	2.0	12.0	1,866.0	98
Indiana	23.0	4.0	27.0	4,134.0	100
Iowa	16.0	1.0	17.0	5,251.0	100
Kansas	14.0	1.0	15.0	3,693.0	100
Kentucky	6.0	1.0	7.0	1,002.0	100
Louisiana	2.0	1.0	3.0	149.0	100
Maine	3.0	1.0	4.0	614.0	100
Maryland	7.0	1.0	8.0	917.0	100
Massachusetts	1.5	0.5	2.0	200.0	100
Michigan	34.0	2.0	36.0	11,132.0	100
Minnesota	95.0	4.0	99.0	9,769.0	99
Mississippi	1.0	1.0	2.0	127.0	100
Missouri	17.0	4.0	21.0	1,173.0	97
Montana	2.0	2.0	4.0	270.0	100
Nebraska	6.5	0.5	7.0	1,433.0	100
Nevada	5.0	1.0	6.0	728.0	100
New Hampshire	1.5	0.5	2.0	247.0	100
New Jersey	1.5	0.5	2.0	108.0	100
New Mexico	60.0	3.0	63.0	8,222.0	100
New York	55.0	2.0	57.0	14,825.0	100
North Carolina	5.0	1.0	6.0	931.0	100
North Dakota	3.5	0.5	4.0	330.0	98
Ohio	24.0	5.0	29.0	5,503.0	97
Oklahoma	6.0	1.0	7.0	718.0	100
Oregon	20.0	1.0	21.0	2,510.0	100
Pennsylvania	58.0	12.0	70.0	10,595.0	100
Rhode Island	0.1	-	0.1	11.6	100
South Carolina	2.0	1.0	3.0	239.0	100
South Dakota	7.0	1.0	8.0	2,697.0	100
Tennessee	4.0	1.0	5.0	629.0	100
Texas	27.0	1.0	28.0	12,824.0	100
Utah	13.0	1.0	14.0	2,308.0	100
Vermont	14.0	2.0	16.0	2,664.0	100
Virginia	8.0	2.0	10.0	1,625.0	100
Washington	17.0	1.0	18.0	6,718.0	100
West Virginia	1.0	1.0	2.0	109.0	100
Wisconsin	245.0	14.0	259.0	30,320.0	99
Wyoming	1.3	0.2	1.5	140.7	100
United States	929.0	89.0	1,018.0	216,556.0	99

- Represents zero. ¹ May not add due to rounding. ² Excludes milk sucked by calves. ³ 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. ⁴ Percentage of milk sold that is eligible for fluid use (Grade A in most States). Includes fluid grade milk used in manufacturing dairy products.
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Table 8-7.—Milk and cream: Marketings and income, by State and United States, 2017¹

State	Milk utilized	All milk Average returns per cwt ²	Returns per lb milkfat	Cash receipts from marketings
	<i>Million pounds</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>
Alabama	89.0	18.60	4.82	16,554
Alaska	2.5	22.00	5.61	550
Arizona	5,019.0	16.70	4.61	838,173
Arkansas	78.0	18.70	5.03	14,586
California	39,768.0	16.50	4.29	6,561,720
Colorado	4,167.0	18.10	4.91	754,227
Connecticut	417.0	18.60	4.72	77,562
Delaware	91.8	17.60	4.56	16,157
Florida	2,490.0	21.50	5.83	535,350
Georgia	1,832.0	19.00	5.23	348,080
Hawaii	38.7	28.60	8.64	11,068
Idaho	14,601.0	17.20	4.40	2,511,372
Illinois	1,917.0	18.30	4.77	350,811
Indiana	4,228.0	17.70	4.73	748,356
Iowa	5,163.0	18.10	4.68	934,503
Kansas	3,485.0	16.90	4.49	588,965
Kentucky	1,035.0	18.90	5.03	195,615
Louisiana	158.0	18.70	4.82	29,546
Maine	626.0	19.50	5.06	122,070
Maryland	948.0	17.80	4.66	168,744
Massachusetts ..	209.0	18.80	4.76	39,292
Michigan	11,196.0	16.40	4.41	1,836,144
Minnesota	9,768.0	17.80	4.58	1,738,704
Mississippi	135.0	18.90	4.92	25,515
Missouri	1,220.0	18.70	4.76	228,140
Montana	283.0	17.50	4.67	49,525
Nebraska	1,438.0	18.20	4.74	261,716
Nevada	703.0	17.90	4.58	125,837
New Hampshire ..	271.0	18.50	4.76	50,135
New Jersey	117.0	18.30	4.79	21,411
New Mexico	8,167.0	16.30	4.48	1,331,221
New York	14,872.0	18.20	4.73	2,706,704
North Carolina ..	946.0	18.80	5.01	177,848
North Dakota	340.0	17.60	4.60	59,840
Ohio	5,590.0	18.40	4.77	1,028,560
Oklahoma	721.0	19.20	5.11	138,432
Oregon	2,508.0	19.80	4.95	496,584
Pennsylvania	10,818.0	18.60	4.86	2,012,148
Rhode Island	12.9	18.50	4.67	2,387
South Carolina ...	245.0	19.10	4.96	46,795
South Dakota	2,610.0	18.80	4.61	490,680
Tennessee	688.0	18.90	5.03	130,032
Texas	12,028.0	18.40	4.55	2,213,152
Utah	2,202.0	17.70	4.66	389,754
Vermont	2,713.0	18.60	4.81	504,618
Virginia	1,726.0	19.40	5.17	334,844
Washington	6,513.0	18.20	4.55	1,185,366
West Virginia	124.0	18.00	4.75	22,320
Wisconsin	30,080.0	18.10	4.74	5,444,480
Wyoming	136.7	17.90	4.92	24,469
United States	214,535.0	17.69	4.61	37,940,662

¹ May not add due to rounding. ² Cash receipts divided by milk or milkfat in combined marketings. NASS, Livestock Branch, (202) 720-3570.

Table 8-8.—Milk and cream: Marketings and income, by State and United States, 2018¹

State	Milk utilized	All milk Average returns per cwt ²	Returns per lb milkfat	Cash receipts from marketings
	<i>Million pounds</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>
Alabama	72.0	16.60	4.28	11,952
Alaska	2.3	22.00	5.60	506
Arizona	4,963.0	15.50	4.23	769,265
Arkansas	72.0	17.00	4.49	12,240
California	40,383.0	15.78	4.05	6,372,437
Colorado	4,535.0	16.70	4.47	757,345
Connecticut	424.0	17.10	4.32	72,504
Delaware	90.5	16.10	4.19	14,571
Florida	2,375.0	19.90	5.41	472,625
Georgia	1,758.0	17.10	4.70	300,618
Hawaii	33.8	28.00	8.09	9,464
Idaho	15,115.0	15.70	3.96	2,373,055
Illinois	1,866.0	16.50	4.24	307,890
Indiana	4,134.0	15.70	4.15	649,038
Iowa	5,251.0	16.50	4.19	866,415
Kansas	3,693.0	15.30	3.96	565,029
Kentucky	1,002.0	17.50	4.62	175,350
Louisiana	149.0	17.20	4.26	25,628
Maine	614.0	18.10	4.68	111,134
Maryland	917.0	16.20	4.24	148,554
Massachusetts ..	200.0	17.40	4.37	34,800
Michigan	11,132.0	14.90	3.90	1,658,668
Minnesota	9,769.0	16.50	4.15	1,611,885
Mississippi	127.0	17.10	4.23	21,717
Missouri	1,173.0	16.90	4.25	198,237
Montana	270.0	16.00	4.21	43,200
Nebraska	1,433.0	16.20	4.20	232,146
Nevada	728.0	16.40	4.15	119,392
New Hampshire ..	247.0	17.00	4.35	41,990
New Jersey	108.0	16.20	4.26	17,496
New Mexico	8,222.0	14.70	3.97	1,208,634
New York	14,825.0	16.70	4.33	2,475,775
North Carolina ..	931.0	17.30	4.59	161,063
North Dakota	330.0	16.20	4.12	53,460
Ohio	5,503.0	16.40	4.22	902,492
Oklahoma	718.0	17.80	4.66	127,804
Oregon	2,510.0	18.70	4.61	469,370
Pennsylvania	10,595.0	16.80	4.41	1,779,960
Rhode Island	11.6	17.20	4.27	1,995
South Carolina ..	239.0	17.40	4.52	41,586
South Dakota	2,697.0	17.30	4.15	466,581
Tennessee	629.0	17.40	4.59	109,446
Texas	12,824.0	16.90	4.11	2,167,256
Utah	2,308.0	16.10	4.16	371,588
Vermont	2,664.0	17.10	4.38	455,544
Virginia	1,625.0	17.50	4.63	284,375
Washington	6,718.0	16.80	4.14	1,128,624
West Virginia	109.0	16.40	4.29	17,876
Wisconsin	30,320.0	16.50	4.24	5,002,800
Wyoming	140.7	16.30	4.48	22,934
United States	216,556.0	16.28	4.19	35,244,314

¹ May not add due to rounding. ² Cash receipts divided by milk or milkfat in combined marketings.
 NASS, Livestock Branch, (202) 720-3570.

Table 8-9.—Milk production: Value, by State and United States, 2017¹

State	Used for milk, cream, & butter by producers		Gross producer income ³	Value of milk produced ^{2 4}
	Milk utilized	Value ²		
	<i>Million pounds</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Alabama	0.3	56	16,610	16,740
Alaska	0.2	44	594	638
Arizona	1.0	167	838,340	840,511
Arkansas	0.3	56	14,642	14,960
California	4.0	660	6,562,380	6,566,670
Colorado	1.0	181	754,408	758,209
Connecticut	0.5	93	77,655	78,120
Delaware	0.1	18	16,175	16,333
Florida	1.0	215	535,565	536,640
Georgia	1.0	190	348,270	349,600
Hawaii	0.1	29	11,097	11,125
Idaho	1.0	172	2,511,544	2,516,876
Illinois	2.0	366	351,177	353,007
Indiana	4.0	708	749,064	753,135
Iowa	1.0	181	934,684	937,399
Kansas	1.0	169	589,134	591,331
Kentucky	1.0	189	195,804	196,938
Louisiana	1.0	187	29,733	30,107
Maine	1.0	195	122,265	122,850
Maryland	1.0	178	168,922	170,168
Massachusetts	0.5	94	39,386	39,668
Michigan	2.0	328	1,836,472	1,841,884
Minnesota	4.0	712	1,739,416	1,756,326
Mississippi	1.0	189	25,704	25,893
Missouri	4.0	748	228,888	232,067
Montana	2.0	350	49,875	50,400
Nebraska	0.5	91	261,807	262,808
Nevada	1.0	179	126,016	126,911
New Hampshire	0.5	93	50,228	50,505
New Jersey	0.5	92	21,503	21,777
New Mexico	3.0	489	1,331,710	1,338,556
New York	2.0	364	2,707,068	2,717,078
North Carolina	1.0	188	178,036	178,976
North Dakota	0.5	88	59,928	60,720
Ohio	5.0	920	1,029,480	1,033,896
Oklahoma	1.0	192	138,624	139,776
Oregon	1.0	198	496,782	500,742
Pennsylvania	14.0	2,604	2,014,752	2,026,098
Rhode Island	-	-	2,387	2,405
South Carolina	1.0	191	46,986	47,368
South Dakota	1.0	188	490,868	492,184
Tennessee	1.0	189	130,221	130,977
Texas	1.0	184	2,213,336	2,217,936
Utah	1.0	177	389,931	392,055
Vermont	2.0	372	504,990	507,594
Virginia	2.0	388	335,232	336,784
Washington	1.0	182	1,185,548	1,188,642
West Virginia	1.0	180	22,500	22,860
Wisconsin	14.0	2,534	5,447,014	5,490,273
Wyoming	0.2	36	24,505	24,738
United States	91.0	16,594	37,957,256	38,119,254

- Represents zero. ¹ May not add due to rounding. ² Value at average returns per 100 pounds of milk in combined marketings of milk and cream. ³ Cash receipts from marketings of milk and cream plus value of milk used for home consumption. ⁴ Includes value of milk fed to calves.
 NASS, Livestock Branch, (202) 720-3570.

Table 8-10.—Milk production: Value, by State and United States, 2018¹

State	Used for milk, cream, & butter by producers		Gross producer income ³	Value of milk produced ^{2 4}
	Milk utilized	Value ²		
	<i>Million pounds</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>
Alabama	0.3	50	12,002	12,118
Alaska	0.3	66	572	616
Arizona	1.0	155	769,420	771,590
Arkansas	0.3	51	12,291	12,580
California	4.0	631	6,373,068	6,377,171
Colorado	1.0	167	757,512	761,019
Connecticut	0.5	86	72,590	73,017
Delaware	0.1	16	14,587	14,732
Florida	1.0	199	472,824	473,819
Georgia	1.0	171	300,789	301,986
Hawaii	0.1	28	9,492	9,520
Idaho	1.0	157	2,373,212	2,378,393
Illinois	2.0	330	308,220	309,870
Indiana	4.0	628	649,666	653,277
Iowa	1.0	165	866,580	869,220
Kansas	1.0	153	565,182	567,324
Kentucky	1.0	175	175,525	176,575
Louisiana	1.0	172	25,800	26,144
Maine	1.0	181	111,315	111,858
Maryland	1.0	162	148,716	149,850
Massachusetts	0.5	87	34,887	35,148
Michigan	2.0	298	1,658,966	1,664,032
Minnesota	4.0	660	1,612,545	1,628,220
Mississippi	1.0	171	21,888	22,059
Missouri	4.0	676	198,913	201,786
Montana	2.0	320	43,520	43,840
Nebraska	0.5	81	232,227	233,280
Nevada	1.0	164	119,556	120,376
New Hampshire	0.5	85	42,075	42,330
New Jersey	0.5	81	17,577	17,820
New Mexico	3.0	441	1,209,075	1,217,895
New York	2.0	334	2,476,109	2,485,294
North Carolina	1.0	173	161,236	162,101
North Dakota	0.5	81	53,541	54,108
Ohio	5.0	820	903,312	907,248
Oklahoma	1.0	178	127,982	129,050
Oregon	1.0	187	469,557	473,297
Pennsylvania	12.0	2,016	1,781,976	1,791,720
Rhode Island	-	-	1,995	2,012
South Carolina	1.0	174	41,760	42,108
South Dakota	1.0	173	466,754	467,965
Tennessee	1.0	174	109,620	110,316
Texas	1.0	169	2,167,425	2,171,988
Utah	1.0	161	371,749	373,842
Vermont	2.0	342	455,886	458,280
Virginia	2.0	350	284,725	286,125
Washington	1.0	168	1,128,792	1,131,648
West Virginia	1.0	164	18,040	18,204
Wisconsin	14.0	2,310	5,005,110	5,045,535
Wyoming	0.2	33	22,967	23,179
United States	89.0	14,814	35,259,128	35,411,485

- Represents zero. ¹ May not add due to rounding. ² Value at average returns per 100 pounds of milk in combined marketings of milk and cream. ³ Cash receipts from marketings of milk and cream plus value of milk used for home consumption. ⁴ Includes value of milk fed to calves.
NASS, Livestock Branch, (202) 720-3570.

Table 8-11.—Milk cows, milk, and fat in cream: Average prices received by farmers, United States, 2009–2018

Year	Milk cows, per head ¹	Milk per 100 pounds ²					
		Eligible for fluid market ³		Of manufacturing grade		All milk wholesale	
		Price per 100 lb.	Fat test	Price per 100 lb.	Fat test	Price per 100 lb.	Fat test
	<i>Dollars</i>	<i>Dollars</i>	<i>Percent</i>	<i>Dollars</i>	<i>Percent</i>	<i>Dollars</i>	<i>Percent</i>
2009	1,390.00	12.94	3.67	12.03	4.00	12.93	3.67
2010	1,330.00	16.37	3.65	14.56	4.00	16.35	3.66
2011	1,420.00	(NA)	(NA)	(NA)	(NA)	20.24	3.71
2012	1,430.00	(NA)	(NA)	(NA)	(NA)	18.56	3.72
2013	1,380.00	(NA)	(NA)	(NA)	(NA)	20.11	3.76
2014	1,830.00	(NA)	(NA)	(NA)	(NA)	24.07	3.74
2015	1,990.00	(NA)	(NA)	(NA)	(NA)	17.21	3.75
2016	1,760.00	(NA)	(NA)	(NA)	(NA)	16.34	3.79
2017	1,620.00	(NA)	(NA)	(NA)	(NA)	17.69	3.84
2018	1,360.00	(NA)	(NA)	(NA)	(NA)	16.28	3.89

(NA) Not available. ¹ Simple average of quarterly prices, by States, weighted by the number of milk cows on farms Jan. 1 of the current year. ² Average price at average fat test for all milk sold at wholesale to plants and dealers, based on reports from milk-market administrators, cooperative milk-market associations, whole-milk distributors, and milk-products manufacturing plants, f.o.b. plant or receiving station (whichever is the customary place for determining prices) before hauling costs are deducted and including all premiums. ³ Includes fluid milk surplus diverted to manufacturing. NASS, Livestock Branch, (202) 720-3570.

Table 8-12.—Milk-feed price ratios: All milk price; Dairy feed price, 16% protein; Milk-feed price ratios, United States, annual 2009–2018

Year	All milk price	Dairy feed price 16% protein ¹	Milk-feed price ratio ²
	<i>Dollars/cwt</i>	<i>Dollars/ton</i>	<i>Pounds</i>
2009	12.93	293	1.78
2010	16.35	274	2.26
2011	20.24	369	1.90
2012	18.56	442	1.52
2013	20.11	481	1.75
2014	24.07	502	2.54
2015	17.21	(NA)	2.14
2016	16.34	(NA)	2.26
2017	17.69	(NA)	2.42
2018	16.28	(NA)	2.05

¹ Commercially prepared 16%protein dairy ration price collected from March annual Prices Paid Survey. Discontinued beginning 2015. ² Annual ratios based on average of monthly ratios. Pounds of 16% protein mixed dairy feed equal in value to one pound of whole milk. Feed price component (16% protein) calculated using U.S. price received for corn (51 lbs), soybeans (8 lb), and alfalfa hay (41 lbs). NASS, Environmental, Economics, and Demographics Branch, (202) 720-6146.

Table 8-13.—Fluid beverage milk: Total sales and per capita consumption, United States, 2008–2017

Year	Consumption	
	Total	Per capita
	<i>Million pounds</i>	<i>Pounds</i>
2008	54,574	179
2009	54,850	179
2010	55,002	178
2011	54,295	174
2012	53,442	170
2013	52,286	165
2014	50,773	159
2015	50,038	156
2016	49,700	154
2017	48,629	149

ERS, Animal Products and Cost of Production Branch, (202) 694-5171.

Table 8-14.—Federal milk order markets ¹: Measures of growth, 2012–2018 ²

Year	Population of Federal milk marketing areas	Number of handlers ³	Number of producers ⁴	Receipts of producer milk	Producer milk used in Class I	Percentage of producer milk used in Class I
	<i>Thousands</i>	<i>Number</i>	<i>Number</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Percent</i>
2012	250,724	237	40,750	122,388	43,492	35.5
2013	251,201	225	40,048	132,100	42,742	32.4
2014	255,184	223	38,391	129,420	41,420	32.0
2015	256,526	214	36,118	126,126	41,206	32.7
2016	258,172	216	34,721	133,846	41,140	30.7
2017	262,240	217	32,988	135,502	40,642	30.0
2018	302,089	233	32,061	141,684	40,945	28.9

Year	Prices at 3.5 percent butterfat content per hundredweight ⁵		Receipts as percentage of milk sold to plants and dealers		Daily deliveries of milk per producer	Gross value of receipts of producer milk ⁶	
	Class I	Blend	Fluid grade	All milk		Per producer	All producer
	<i>Dollars</i>	<i>Dollars</i>	<i>Percent</i>	<i>Percent</i>	<i>Pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>
2012	20.39	18.05	62	61	8,229	542,121	22,091,337
2013	21.80	19.44	67	66	9,047	641,295	25,682,588
2014	26.14	23.54	63	63	9,236	793,728	30,472,016
2015	19.21	16.70	61	61	9,559	583,173	21,063,042
2016	17.70	15.38	64	64	10,516	592,884	20,585,571
2017	19.31	16.96	64	63	11,243	696,459	22,974,898
2018	17.70	15.51	66	65	12,448	685,389	21,974,258

¹The California Federal Milk Marketing Order became effective on November 1, 2018. ²Over this period, handler selected periodically not to pool substantial volumes of milk that normally would have been pooled under Federal orders. This decision resulted from disadvantageous blend/class price relationships and qualification circumstances. This fact should be kept in mind if year-to-year comparisons are made using the various "producer deliveries" measures of growth. ³End of year. ⁴Average for year. ⁵Prices are weighted averages. ⁶Based on blend (uniform) price adjusted for butterfat content, and in later years, other milk components of producer milk.

AMS, Dairy Programs, (202) 720-7461.

Table 8-15.—Milk production: Marketings, income and value, United States, 2009–2018

Year	Combined marketings of milk and cream				Used for milk, cream, and butter on farms where produced		Gross farm income from dairy products ³	Farm value of all milk produced ^{2,4}
	Milk utilized	Average returns ¹		Cash receipts from marketings	Milk utilized	Value ²		
		Per 100 pounds milk	Per pound milkfat					
	<i>Million pounds</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Million pounds</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
2009	188,189	12.93	3.52	24,321,032	112	15,224	24,336,256	24,455,900
2010	191,897	16.35	4.47	31,372,346	107	18,269	31,390,615	31,535,575
2011	195,290	20.24	5.46	39,531,306	98	20,561	39,551,867	39,730,346
2012	199,687	18.56	4.99	37,064,731	98	18,779	37,083,510	37,247,542
2013	200,283	20.11	5.35	40,282,881	100	20,629	40,303,510	40,482,699
2014	205,083	24.07	6.44	49,351,199	92	22,699	49,373,898	49,588,283
2015	207,536	17.21	4.59	35,716,849	91	16,291	35,733,140	35,888,595
2016	211,457	16.34	4.31	34,546,316	94	15,784	34,562,100	34,712,099
2017	214,535	17.69	4.61	37,940,662	91	16,594	37,957,256	38,119,254
2018	216,556	16.28	4.19	35,244,314	89	14,814	35,259,128	35,411,485

¹Cash receipts divided by milk or milkfat represented in combined marketings. ²Valued at average returns per 100 pounds of milk in combined marketings of milk and cream. ³Cash receipts from marketings of milk and cream plus value of milk used for home consumption. ⁴Includes value of milk fed to calves.

NASS, Livestock Branch, (202) 720-3570.

Table 8-16.—Official Dairy Herd Information test plans: Numbers of herds and cows and milk, fat, and protein production, United States, 2009–2018

Year	Herds	Cows	Cows per herd	Average production			Cows with protein information	Average protein production	Average protein production
				Milk	Fat	Fat			
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Pounds</i>	<i>Percent</i>	<i>Pounds</i>	<i>Percent</i>	<i>Percent</i>	<i>Pounds</i>
2009 ...	15,331	3,665,911	239.1	22,501	3.68	831	98	3.09	698
2010 ...	15,067	3,746,177	248.6	22,765	3.66	836	98	3.09	706
2011 ...	14,490	3,800,410	262.3	22,961	3.71	855	98	3.11	714
2012 ...	13,894	3,762,925	270.8	23,328	3.72	871	98	3.12	728
2013 ...	13,329	3,712,080	278.5	23,695	3.77	894	98	3.13	742
2014 ...	13,043	3,829,273	293.6	24,101	3.76	907	98	3.14	757
2015 ...	12,440	3,822,370	307.3	24,403	3.75	917	98	3.13	764
2016 ...	11,745	3,836,074	326.6	24,651	3.79	934	98	3.13	773
2017 ...	10,932	3,809,695	348.5	24,776	3.84	951	99	3.16	783
2018 ...	9,787	3,715,872	379.7	24,660	3.87	956	99	3.16	781

Council on Dairy Cattle Breeding, (240) 334-4164, <https://www.uscdcb.com>.

Table 8-17.—Milk and milkfat production: Number of producing cows, production per cow, and total quantity produced, United States, 2009–2018

Year	Number of milk cows ¹	Production of milk and milkfat ²				
		Per milk cow		Percentage of fat in all milk produced	Total	
		Milk	Milkfat		Milk	Milkfat
	<i>Thousands</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Percent</i>	<i>Million pounds</i>	<i>Million pounds</i>
2009	9,202	20,561	755	3.67	189,202	6,944
2010	9,123	21,142	774	3.66	192,877	7,054
2011	9,199	21,334	791	3.71	196,255	7,284
2012	9,237	21,722	808	3.72	200,642	7,463
2013	9,224	21,819	820	3.76	201,260	7,558
2014	9,261	22,249	832	3.74	206,048	7,698
2015	9,320	22,372	839	3.75	208,508	7,810
2016	9,334	22,761	863	3.79	212,451	8,054
2017	9,406	22,914	880	3.84	215,527	8,272
2018	9,399	23,149	900	3.89	217,575	8,466

¹ Average number during year, excluding heifers not yet fresh. ² Excludes milk sucked by calves. NASS, Livestock Branch, (202) 720-3570.

Table 8-18.—Milk: Quantities used and marketed by farmers, United States, 2009–2018

Year	Milk used on farms where produced			Milk marketed by producers	
	Fed to calves ¹	Consumed as fluid milk or cream	Total	Total ²	Fluid grade ³
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Percent</i>
2009	901	112	1,013	188,189	98
2010	873	107	980	191,897	98
2011	867	98	965	195,290	99
2012	858	98	956	199,687	99
2013	877	100	977	200,283	99
2014	874	92	966	205,083	99
2015	880	91	971	207,536	99
2016	900	94	994	211,457	99
2017	901	91	992	214,535	99
2018	929	89	1,018	216,556	99

¹ Excludes milk sucked by calves. ² Milk sold to plants and dealers as whole milk and equivalent amounts of milk for cream. Includes milk produced by dealers' own herds and small amounts sold directly to consumers. Also includes milk produced by institutional herds. ³ Percentage of milk sold that is eligible for fluid use (Grade A in most States). Includes fluid-grade milk used in manufacturing dairy products. NASS, Livestock Branch, (202) 720-3570.

Table 8-19.—Milk markets under Federal order program: Whole milk and fat-reduced milk products sold for fluid consumption within defined marketing areas, 2016–2018 ¹

Federal milk order marketing area	Whole milk products ²		Fat-reduced milk products ³		Total fluid milk products	
	Quantity	Butterfat content	Quantity	Butterfat content	Quantity	Butterfat content
	<i>Million pounds</i>	<i>Percent</i>	<i>Million pounds</i>	<i>Percent</i>	<i>Million pounds</i>	<i>Percent</i>
2016						
Northeast	3,189	3.28	5,063	1.16	8,252	1.98
Appalachian	1,120	3.29	2,072	1.32	3,192	2.01
Florida	1,111	3.29	1,642	1.25	2,753	2.08
Southeast	1,654	3.30	2,759	1.31	4,413	2.06
Upper Midwest	696	3.29	3,017	1.20	3,713	1.59
Central	1,116	3.30	3,019	1.29	4,134	1.83
Mideast	1,409	3.28	3,960	1.33	5,368	1.84
Pacific Northwest	571	3.33	1,392	1.34	1,964	1.92
Southwest	1,682	3.32	2,759	1.32	4,441	2.08
Arizona	339	3.29	709	1.30	1,048	1.94
Combined areas	12,886	3.29	26,392	1.27	39,278	1.93
2017						
Northeast	3,249	3.27	4,782	1.18	8,031	2.03
Appalachian	1,157	3.29	2,005	1.34	3,162	2.05
Florida	1,152	3.23	1,579	1.31	2,731	2.12
Southeast	1,692	3.30	2,651	1.33	4,343	2.10
Upper Midwest	698	3.29	2,864	1.23	3,562	1.64
Central	1,164	3.30	2,918	1.30	4,082	1.87
Mideast	1,468	3.30	3,787	1.35	5,255	1.89
Pacific Northwest	596	3.33	1,307	1.36	1,903	1.98
Southwest	1,735	3.32	2,650	1.33	4,385	2.12
Arizona	346	3.29	671	1.31	1,017	1.99
Combined areas	13,256	3.29	25,214	1.29	38,471	1.98
2018						
Northeast	3,306	3.28	4,539	1.21	7,846	2.08
Appalachian	1,206	3.29	1,960	1.36	3,166	2.10
Florida	1,161	3.19	1,515	1.36	2,676	2.15
Southeast	1,704	3.31	2,517	1.36	4,221	2.15
Upper Midwest	712	3.29	2,715	1.25	3,427	1.67
Central	1,197	3.30	2,773	1.34	3,970	1.93
Mideast	1,524	3.30	3,685	1.37	5,209	1.94
California ⁴	334	3.38	556	1.44	890	2.17
Pacific Northwest	613	3.32	1,229	1.37	1,842	2.02
Southwest	1,775	3.28	2,528	1.35	4,303	2.15
Arizona	363	3.29	657	1.33	1,020	2.03
Combined areas	13,895	3.29	24,673	1.32	38,568	2.03

¹ In-area sales include total sales in each of the areas by handlers regulated under the respective order, by handlers regulated under other orders, by partially regulated handlers, by exempt handlers, and by producer-handlers. Sales routes of handlers may extend outside defined marketing areas; therefore, some handlers' in-area sales are partially estimated. ² Plain, organic, flavored, and miscellaneous whole milk products, and eggnog. ³ Plain, fortified, organic, and flavored reduced fat milk (2%), low fat milk (1%), and fat-free milk (skim), and miscellaneous fat-reduced milk products, and buttermilk. ⁴ The California Federal Milk Order became effective November 1, 2018.

AMS, Dairy Programs, (202) 720-7461.

Table 8-20.—Milk markets under Federal order program: Uniform and Class I milk prices at 3.5 percent fat test, number of producers, producer milk receipts, producer milk used in Class I, Class I percentage, daily milk deliveries per producer, average fat test of producer milk receipts, by markets, 2017–2018

Federal milk order marketing area	Class I \$ / cwt ¹	Uniform \$ / cwt ^{1 2}	Average number of producers	Receipts of producer milk	Producer milk used in Class I	Class I utilization	Daily milk deliveries per producer	Average fat test of producer milk
	<i>Dollars</i>	<i>Dollars</i>	<i>Number</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Percent</i>	<i>Pounds</i>	<i>Percent</i>
2017								
Northeast ³	19.71	17.43	11,171	27,397	8,799	32.1	6,722	3.85
Appalachian ⁴	19.87	18.79	1,991	5,801	4,002	69.0	8,002	3.76
Florida ⁵	21.87	20.92	143	2,602	2,169	83.3	49,877	3.69
Southeast ⁶	20.27	19.13	1,672	5,451	3,767	69.1	8,936	3.74
Upper Midwest ^{7 8}	18.26	16.28	9,435	32,312	3,244	10.0	9,342	3.84
Central ^{8 9}	18.46	16.35	2,565	15,879	4,839	30.5	16,967	3.82
Mideast ^{8 10}	18.46	16.56	4,968	20,241	6,430	31.8	11,160	3.78
Pacific Northwest ^{8 11}	18.36	16.18	468	7,661	1,891	24.7	44,855	3.99
Southwest ^{8 12}	19.46	17.16	487	13,092	4,217	32.2	73,541	3.86
Arizona ¹³	18.81	16.39	89	5,065	1,284	25.4	155,410	3.62
All markets combined	19.31	16.96	32,988	135,502	40,642	30.0	11,243	3.82
2018								
Northeast ³	18.10	16.09	10,574	27,109	8,701	32.1	7,026	3.86
Appalachian ⁴	18.25	17.29	1,704	5,735	3,984	69.5	9,243	3.79
Florida ⁵	20.24	19.37	143	2,565	2,144	83.6	49,152	3.68
Southeast ⁶	18.64	17.71	1,672	5,209	3,705	71.2	8,531	3.80
Upper Midwest ^{7 8}	16.63	14.75	8,883	33,323	2,990	9.0	10,263	3.92
Central ^{8 9}	16.85	14.87	2,433	16,604	4,783	28.8	18,722	3.89
Mideast ^{8 10}	16.86	15.21	4,513	19,603	6,374	32.5	11,905	3.84
California ¹¹	17.39	15.18	1,081	4,117	927	22.5	62,481	4.01
Pacific Northwest ¹²	16.76	14.86	495	8,558	1,851	21.6	47,288	4.07
Southwest ^{8 13}	17.86	15.77	482	13,727	4,221	30.8	77,613	3.94
Arizona ¹⁴	17.19	15.09	81	5,133	1,265	24.6	173,295	3.66
All markets combined	17.70	15.51	32,061	141,684	40,945	28.9	12,448	3.88

¹Prices are for milk of 3.5 percent butterfat content and for the principal pricing point of the market. See footnotes 3-13. ²For those orders that use the component pricing system for paying producers (orders 1, 30, 32, 33, 124, and 126), the figures are the statistical uniform price (the sum of the producer price differential and the Class III price). For those orders that use the skim milk/butterfat pricing system for paying producers (orders 5, 6, 7, and 131), the figures are the uniform price (the sum of the uniform butterfat price times 3.5 and the uniform skim milk price times 0.965). ³Suffolk Co. (Boston), MA. ⁴Mecklenburg Co. (Charlotte), NC. ⁵Hillsborough Co. (Tampa), FL. ⁶Fulton Co. (Atlanta), GA. ⁷Cook Co. (Chicago), IL. ⁸Due to the disadvantageous intraorder class and uniform price relationships in some months in these markets, handlers elected not to pool milk that normally would have been pooled under these orders. ⁹Jackson Co. (Kansas City), MO. ¹⁰Cuyahoga Co. (Cleveland), OH. ¹¹The California Federal Milk Marketing Order became effective on November 1, 2018. ¹²King Co. (Seattle), WA. ¹³Dallas Co. (Dallas), TX. ¹⁴Maricopa Co. (Phoenix), AZ. AMS, Dairy Programs, (202) 720-7461.

Table 8-21.—Dairy products: Quantities manufactured, United States, 2014–2018

Product	2014	2015	2016	2017	2018
	<i>1,000 pounds</i>				
Butter	1,855,315	1,849,519	1,839,399	1,847,473	1,891,007
Cheese:					
American types	4,588,023	4,694,471	4,768,888	5,072,129	5,253,833
Cheddar	3,317,038	3,393,111	3,434,498	3,721,468	3,802,508
Other American	1,270,985	1,301,360	1,334,390	1,350,661	1,451,325
Blue and Gorgonzola	92,845	94,489	90,872	91,316	94,648
Brick	2,942	3,449	2,845	2,424	2,276
Cream and Neufchatel	851,713	876,286	908,972	918,071	914,824
Feta	105,622	112,424	126,849	122,470	129,823
Gouda	55,911	58,364	58,601	65,400	65,252
Hispanic	249,579	254,291	264,941	286,521	311,916
Italian types	4,950,235	5,081,826	5,304,355	5,395,248	5,556,850
Mozzarella	3,924,925	3,988,936	4,117,746	4,167,492	4,351,361
Parmesan	301,848	339,003	407,319	450,640	424,491
Provolone	361,088	379,316	401,589	393,792	397,786
Ricotta	245,284	243,464	252,231	245,912	249,461
Romano	45,021	55,034	52,448	58,302	58,058
Other Italian types	72,069	76,073	73,022	79,110	75,693
Muenster cheese	163,650	177,540	181,354	189,167	191,269
Swiss cheese	297,802	312,015	311,977	316,654	332,303
All other types	153,783	166,240	161,889	180,562	171,593
Total cheese ¹	11,512,105	11,831,395	12,181,543	12,639,962	13,024,587
Cottage cheese:					
Curd ²	381,146	400,634	406,428	390,409	402,362
Creamed ³	303,113	317,531	329,444	330,484	352,785
Lowfat ⁴	364,614	363,004	367,815	344,421	342,084
Sour cream	1,302,900	1,325,629	1,374,059	1,387,149	1,403,411
Yogurt plain & flavored	4,756,562	4,645,594	4,458,399	4,478,204	4,388,088
Bulk condensed milk:					
Skim, sweetened	43,593	52,935	77,158	90,157	120,873
Skim, unsweetened	1,661,446	1,672,557	1,651,169	1,570,819	1,468,374
Whole, sweetened	88,607	99,867	116,563	142,602	144,659
Whole, unsweetened	65,596	173,701	97,204	62,259	66,023
Condensed or evaporated buttermilk	109,044	105,676	105,968	113,035	109,612
Canned milk:					
Evaporated and condensed whole ⁵ ...	315,290	452,780	456,695	379,193	412,599
Evaporated skim	27,856	43,940	16,897	9,156	15,144
Dry milk products:					
Dry buttermilk, total	111,097	98,364	109,641	112,904	118,075
Dry skim milk animal	11,303	9,953	9,287	11,862	14,071
Dry whole milk	103,122	108,522	98,174	122,397	143,654
Milk protein concentrate, total	126,017	157,309	125,685	139,047	145,632
Nonfat dry milk, human	1,764,632	1,822,348	1,752,634	1,835,277	1,773,540
Skim milk powder, total ⁶	543,504	446,324	559,175	529,633	566,504
Dry whey, total	869,701	977,568	955,141	1,035,414	999,356
	<i>1,000 gallons</i>				
Ice cream, regular, total	865,753	896,688	906,680	871,157	840,028
Ice cream, lowfat, total ⁷	411,701	438,991	435,868	461,414	451,103
Ice cream, nonfat, total	18,303	13,575	12,438	11,427	11,266
Sherbet, total	48,353	44,743	44,262	42,975	40,206
Frozen yogurt, total	66,456	74,229	66,814	62,911	50,277

¹ Excluding cottage cheese. ² Mostly used for processing into creamed or lowfat cottage cheese. ³ Fat content 4 percent or more. ⁴ Fat content less than 4 percent. ⁵ Combined to avoid disclosing individual plant operations. ⁶ Includes protein standardized and blends. ⁷ Includes freezer-made milkshake.

NASS, Livestock Branch, (202) 720-3570.

Table 8-22.—Dairy Products: Factory production of specified items, by State and United States, 2017–2018

State	Butter		Total American cheese ¹		Total cheese ²	
	2017	2018	2017	2018	2017	2018
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
California	534,378	578,624	632,677	630,164	2,513,336	2,543,368
Idaho			605,555	625,427	958,687	991,239
Illinois					82,389	82,288
Iowa			155,111	182,094	256,737	296,396
Minnesota			589,516	622,884	712,988	740,601
New Jersey					57,727	59,087
New Mexico					766,804	895,779
New York	27,581	24,688	132,273	139,560	829,410	802,331
Ohio					222,044	239,267
Oregon			205,733	208,767	206,679	209,829
Pennsylvania	92,329	86,062			411,552	433,750
South Dakota					282,304	293,455
Vermont					142,941	146,953
Wisconsin			1,016,702	1,025,766	3,376,769	3,422,895
Other States ³	1,193,185	1,201,633	1,734,562	1,819,161	1,819,595	1,867,349
United States	1,847,473	1,891,007	5,072,129	5,253,833	12,639,962	13,024,587

State	Ice cream, regular (hard)		Nonfat dry milk for human food	
	2017	2018	2017	2018
	1,000 Gallons	1,000 Gallons	1,000 Pounds	1,000 Pounds
California	73,643	66,328	562,017	587,059
Connecticut	12,206	12,614		
Missouri	32,404	37,350		
New Jersey	1,390	1,183		
New York	38,422	29,547		
Ohio	26,122	27,984		
Oregon	12,104	14,380		
Pennsylvania	41,064	37,595	183,766	181,158
Tennessee	25,711	22,704		
Utah	26,283	29,667		
Wisconsin	19,211	9,798		
Other States ³	422,602	429,382	1,089,494	1,005,323
United States	731,162	718,532	1,835,277	1,773,540

¹ Includes Cheddar, Colby, washed curd, stirred curd, Monterey, and Jack. ² Excluding cottage cheese. ³ States not shown when fewer than 3 plants reported or individual plant operations could be disclosed. NASS, Livestock Branch, (202) 720-3570.

Table 8-23.—Dairy products: Average price per pound for specified products, 2014–2018

Item and market	2014	2015	2016	2017	2018
	Dollars	Dollars	Dollars	Dollars	Dollars
Butter, Chicago Mercantile Exchange, Grade AA:					
High ¹	3.0600	3.1350	2.3675	2.7375	2.4175
Low ¹	1.5325	1.5400	1.7550	2.0625	2.0675
Butter, Agricultural Marketing Service, Grade AA: ²	2.1361	2.0670	2.0777	2.3303	2.2572
Cheese, Cheddar, Chicago Mercantile Exchange, Barrels:					
High ¹	2.4900	1.7550	1.8800	1.7600	1.6675
Low ¹	1.4200	1.4100	1.2700	1.3375	1.2345
Cheese, Cheddar, Chicago Mercantile Exchange, 40-lb blocks:					
High ¹	2.4500	1.8000	1.9425	1.8500	1.6905
Low ¹	1.5200	1.4000	1.2700	1.3600	1.3540
Cheese, Cheddar, Agricultural Marketing Service, Barrels: ³	2.1376	1.6241	1.5961	1.5860	1.4659
Cheese, Cheddar, Agricultural Marketing Service, 40-lb blocks: ³	2.1439	1.6389	1.5897	1.6513	1.5825
Nonfat dry milk, Agricultural Marketing Service:					
Low/medium heat ²	1.7682	0.9016	0.8292	0.8666	0.7945
Dry whey, Agricultural Marketing Service:					
Edible nonhygroscopic ²	0.6538	0.3804	0.2875	0.4437	0.3422

¹ Figures are the high and low prices for any trading day during the year. ² Simple average of the product prices from the Class and Component Prices Announcement. ³ Simple average of the block and barrel prices used in the calculation of the cheese price on the Class and Component Prices Announcement. Historical data are available at: <https://www.ams.usda.gov/rules-regulations/mmr/dmr>. AMS, Dairy Programs, (202) 720-4392.

Table 8-24.—Dairy products: Manufacturers' stocks, end of month, United States, 2017–2018¹

Month	Evaporated and condensed whole milk ²		Dry whole milk		Nonfat dry milk, human	
	2017	2018	2017	2018	2017	2018
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
January	43,940	51,472	18,034	33,232	227,052	300,828
February	55,613	48,558	21,660	37,328	263,021	296,991
March	50,777	49,050	22,284	46,035	246,484	297,296
April	63,792	53,147	23,060	47,243	267,375	273,346
May	69,730	73,770	22,961	59,625	280,078	270,489
June	76,890	73,123	21,224	56,604	297,773	303,301
July	79,138	79,064	21,864	51,876	295,906	317,447
August	82,905	88,565	15,948	42,387	312,929	280,494
September	75,947	79,977	20,608	32,589	320,765	261,646
October	61,202	64,953	22,070	18,733	316,826	252,648
November	41,983	43,053	27,878	17,559	316,969	289,199
December	37,191	42,112	31,007	15,573	320,046	276,527

¹ Stocks held by manufacturers at all points and in transit. ² Combined to avoid disclosing individual plant operations. NASS, Livestock Branch, (202) 720-3570.

Table 8-25.—Dairy products: Total disappearance, and total and per capita consumption, United States, 2008–2017¹

Year	Butter			Cheese ²			Condensed and evaporated milk ³		
	Total disappearance	Consumption		Total disappearance	Consumption		Total disappearance	Consumption	
		Total	Per capita		Total	Per capita		Total	Per capita
	Million pounds	Million pounds	Pounds	Million pounds	Million pounds	Pounds	Million pounds	Million pounds	Pounds
2008	1,693	1,516	5.0	10,162	9,799	32.39	787	712	2.3
2009	1,551	1,522	5.0	10,248	9,917	32.48	771	703	2.3
2010	1,618	1,521	4.9	10,605	10,136	32.92	718	607	2.0
2011	1,795	1,676	5.4	10,893	10,301	33.24	711	598	1.9
2012	1,829	1,730	5.5	11,123	10,461	33.51	715	627	2.0
2013	1,915	1,732	5.5	11,364	10,580	33.66	723	594	1.9
2014	1,887	1,753	5.5	11,784	10,887	34.40	537	446	1.4
2015	1,841	1,800	5.6	12,056	11,275	35.35	782	697	2.2
2016	1,881	1,395	5.7	9,841	9,617	36.66	732	678	.....
2017	1,903	1,414	5.7	10,150	9,868	37.23	716	628	.....
Year	Reg hard ice cream (product weight)			Dry whole milk			Nonfat dry milk (human food)		
	Total disappearance	Consumption		Total disappearance	Consumption		Total disappearance	Consumption	
		Total	Per capita		Total	Per capita		Total	Per capita
	Million pounds	Million pounds	Pounds	Million pounds	Million pounds	Pounds	Million pounds	Million pounds	Pounds
2008	3,949	3,893	14.2	86	29	0.1	1,812	930	3.0
2009	3,860	3,804	13.9	97	78	0.3	1,789	1,227	4.0
2010	3,689	3,618	14.0	86	64	0.2	1,864	998	3.2
2011	3,603	3,522	13.2	84	67	0.2	1,926	942	3.0
2012	3,608	3,504	13.2	79	53	0.2	2,132	1,137	3.6
2013	3,565	3,430	13.0	88	54	0.2	2,159	918	2.9
2014	3,455	3,313	12.5	101	63	0.2	2,209	997	3.1
2015	3,494	3,362	12.9	141	105	0.3	2,306	1,057	3.3
2016 .....	.....	4,063	12.9	60	33	0.3	1,592	951	3.0
2017 .....	.....	3,959	12.7	73	50	0.4	1,442	862	2.8

¹ Total disappearance is based on production, imports, and change in stocks during the year. Production statistics for these commodities appear in other tables in this chapter. The total apparent consumption was obtained by subtracting ending stocks, shipments, and exports, from the total supply. The per capita consumption for each year was obtained by dividing the total apparent consumption by the number of persons. ² Includes all kinds of cheese except cottage cheese. ³ The evaporated milk is unskimmed, unsweetened, case goods. The condensed milk is unsweetened, unskimmed, bulk goods; and sweetened condensed milk, unskimmed, case and bulk goods. ERS, Animal Products and Cost of Production Branch, (202) 694-5171.

Table 8-26.—Dairy products: Dec. 31 stocks, United States, 2008–2017

Year	Butter ^{1 2}	Cheese ^{1 3}	Condensed and evaporated milk	Dry whole milk	Nonfat dry milk for human consumption ¹
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
2008	119	852	42	5	247
2009	133	967	45	7	192
2010	82	1,048	52	8	145
2011	107	992	37	7	165
2012	153	1,023	38	7	183
2013	112	1,009	37	8	135
2014	105	1,018	32	23	240
2015	155	1,146	43	11	204
2016	166	1,198	42	.....	226
2017	169	1,280	37	.....	320

¹Includes Government holdings. ²Includes anhydrous milkfat and butter oil. ³Excludes cottage cheese. ERS, Animal Products and Cost of Production Branch, (202) 694–5171.

Table 8-27.—International dairy: Butter production, 2016–2018

Country	2016	2017	2018
	<i>1,000 metric tons</i>		
India	5,200	5,400	5,600
European Union	2,345	2,340	2,375
United States	834	838	860
New Zealand	570	525	530
Russia	246	270	263
Mexico	217	223	226
Canada	93	109	123
Belarus	118	120	116
Ukraine	103	109	106
Australia	110	103	100
Brazil	82	83	85
Japan	66	60	60
Argentina	47	46	50

FAS, Office of Global Analysis, (202) 720-6301. Prepared or estimated on the basis of official USDA production, supply, and distribution statistics from foreign governments.

Table 8-28.—International dairy: Cheese production, 2016–2018

Country	2016	2017	2018
	<i>1,000 metric tons</i>		
European Union	9,810	10,050	10,160
United States	5,525	5,742	5,878
Russia	865	951	975
Brazil	745	771	755
Argentina	552	514	555
Canada	445	497	510
Mexico	375	396	410
New Zealand	360	378	380
Australia	344	348	360
Belarus	275	260	275
Ukraine	186	190	192
Japan	47	46	45
Korea, South	25	35	43
Algeria	0	0	0
Philippines	2	2	0

FAS, Office of Global Analysis, (202) 720-6301. Prepared or estimated on the basis of official USDA production, supply, and distribution statistics from foreign governments.

Table 8-29.—Dairy products: United States imports by country of origin, 2016–2018

Commodity and country of origin	2016	2017	2018
	<i>Metric tons</i>		
Licensed cheese items 1:			
Netherlands	6,440	6,459	6,500
United Kingdom	4,912	3,969	5,398
Ireland	1,514	1,920	2,366
Denmark(*)	1,921	1,693	1,939
Australia(*)	1,748	1,326	1,711
New Zealand(*)	7,782	4,701	1,459
Germany(*)	1,012	1,141	1,390
Canada	850	946	1,244
Jamaica	511	474	498
Italy(*)	351	279	408
France(*)	273	306	307
Dominican Republic	219	197	193
Finland	74	115	173
Bahrain	115	148	138
India	58	140	115
Estonia	0	17	97
Spain	39	26	62
Poland	46	43	39
Lithuania	28	27	33
Jordan	0	0	22
Norway(*)	11	0	20
Greece	0	3	9
Philippines	3	11	7
PortugalCroatia	3	3	3
Rest of World	68	9	5
World Total	27,977	23,950	24,135
Licensed cheese items 2:			
France(*)	21,026	18,328	20,187
Italy(*)	19,180	18,600	19,707
Switzerland(*)	8,178	8,152	9,116
Netherlands	7,660	7,718	7,785
Germany(*)	8,444	8,034	7,380
Norway(*)	6,506	6,458	6,506
Spain	5,361	5,121	6,327
Denmark(*)	4,256	4,736	6,000
Nicaragua	5,283	5,945	5,584
Ireland	4,119	4,078	4,400
Canada	5,990	4,331	4,146
Finland	3,780	3,387	3,386
Mexico	3,123	3,498	2,804
New Zealand(*)	2,228	2,118	1,970
Lithuania	2,548	1,534	1,925
Poland	2,087	1,792	1,647
Australia(*)	1,239	973	1,365
United Kingdom	1,250	1,033	1,273
Austria	861	782	749
Uruguay	648	616	742
Belgium-Luxembourg(*)	453	466	621
Greece	349	422	522
Egypt	526	671	513
Israel(*)	446	440	465
Rest of World	18,063	7,577	3,713
World Total	133,603	116,808	118,833
Licensed dairy, misc :			
Canada	24,481	28,364	29,326
Mexico	25,749	28,059	21,904
Chile	6,143	9,211	6,753
Ireland	1,480	2,256	2,690
Netherlands	9,460	16,800	2,242
Germany(*)	7,110	3,930	2,127
New Zealand(*)	4,221	2,051	1,129
Denmark(*)	255	1,018	864
Belgium-Luxembourg(*)	537	617	742
Israel(*)	0	2	706
Korea, South	1,083	245	662
Italy(*)	248	204	561
India	45	39	453
France(*)	207	195	426
Honduras	326	344	351
Peru	406	313	306
Australia(*)	888	365	270
Portugal	17	29	192
Brazil	154	129	185
Colombia	911	164	174
Argentina	415	69	142
United Arab Emirates	254	224	122
Costa Rica	120	30	71
United Kingdom	320	73	46
Rest of World	608	327	200
World Total	85,437	95,059	72,644

See footnote(s) at end of table.

Table 8-29.—Dairy products: United States imports by country of origin, 2016–2018—Continued

Commodity and country of origin	2016	2017	2018
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Non-licensed cheese:			
Italy(*)	13,427	17,435	11,929
Spain	5,283	5,320	5,774
France(*)	3,567	3,159	3,935
Greece	3,290	3,405	3,624
Bulgaria	2,678	2,583	2,815
Lithuania	11,280	3,855	1,505
Israel(*)	630	553	584
Cyprus	380	461	516
Turkey	654	191	397
United Kingdom	989	693	384
Norway(*)	229	428	383
El Salvador	351	207	357
Romania	432	486	301
Switzerland(*)	20	14	214
Netherlands	207	197	160
Jordan	10	13	114
Egypt	40	27	77
Georgia	4	16	34
Portugal	25	28	26
Rest of World	254	2,565	104
World Total	43,749	41,635	33,232
Casein:			
New Zealand(*)	32,133	30,658	23,141
Netherlands	9,086	10,664	8,149
Ireland	9,707	7,468	7,456
France(*)	2,995	2,890	4,306
Denmark(*)	3,759	3,886	3,701
Argentina	874	2,298	3,568
Poland	3,705	3,888	2,442
India	2,486	1,506	2,249
Germany(*)	2,135	2,295	1,482
Uganda	1,446	1,020	476
Belgium-Luxembourg(*)	0	0	54
Switzerland(*)	0	0	24
United Kingdom	5	0	19
Italy(*)	1	4	4
Mexico	0	1	2
Australia(*)	57	0	0
Canada	5	6	0
World Total	68,393	66,584	57,072

See footnote(s) at end of table.

Table 8-29.—Dairy products: United States imports by country of origin, 2016–2018—Continued

Commodity and country of origin	2016	2017	2018
	<i>Metric tons</i>		
Lactose:			
Germany(*)	1,677	2,165	1,853
Netherlands	1,036	1,045	421
Canada	893	503	203
New Zealand(*)	76	86	127
France(*)	31	0	45
China	7	34	24
Italy(*)	5	1	11
Argentina	5	0	5
Belgium-Luxembourg(*)	3	0	3
Bosnia and Herzegovina	4	0	3
Singapore	2	0	3
Belarus	22	5	3
Lithuania	0	0	2
Japan	0	1	1
South Africa	0	0	1
Switzerland(*)	1	8	1
Australia(*)	0	16	0
Denmark(*)	8	0	0
India	0	2	0
Peru	1	0	0
Poland	0	5	0
Russia	7	12	0
Thailand	2	0	0
Taiwan	6	1	0
Ukraine	0	4	0
World Total	3,786	3,887	2,704
Butter:			
Ireland	13,346	19,598	28,422
Mexico	11,683	6,091	7,766
India	174	507	6,133
New Zealand(*)	8,046	5,464	5,344
United Kingdom	2,652	3,268	2,477
France(*)	1,806	1,974	2,186
Australia(*)	1,906	158	1,096
Canada	661	815	895
Finland	687	912	823
Colombia	0	73	342
Netherlands	75	170	189
Denmark(*)	184	109	144
Germany(*)	129	137	130
Poland	119	129	99
Belgium-Luxembourg(*)	118	60	92
Chile	1,077	1,223	90
Uruguay	171	54	80
Italy(*)	72	52	77
Lithuania	37	35	39
Portugal	11	14	27
Bangladesh	11	5	21
Turkey	34	15	19
Other Pacific Islands, NEC(*)	4	3	18
Ukraine	4	3	16
Argentina	42	96	15
Iceland	12	12	12
Brazil	1	2	11
Egypt	4	1	7
Bosnia and Herzegovina	0	0	6
Russia	1	2	6
Rest of World	682	381	20
World Total	43,748	41,361	56,601

(*) Denotes a country that is a summarization of its component countries. Note: All zeroes for a data item may show that statistics exist in the other import type. Consumption or General. Users should use cautious interpretation on quantity reports using mixed units of measure. Quantity line items will only include statistics on the units of measure that are equal to, or are able to be converted to the assigned unit of measure of the grouped commodities.

FAS, Office of Global Analysis, (202) 720-6301. Data Source: U.S. Census Bureau Trade Data.

Table 8-30.—Dairy products: United States exports by country of destination, 2016–2018

Commodity and country of destination	2016	2017	2018
	<i>Metric tons</i>		
Condensed & evap milk:			
Mexico	6,835	6,798	6,115
Dominican Republic	1,642	1,198	2,113
Vietnam	1,918	1,757	1,168
Canada	1,053	1,153	878
Bahamas, The	614	769	816
El Salvador	95	496	657
Korea, South	374	415	431
Jamaica	120	177	415
Panama	311	125	385
Trinidad and Tobago	526	556	370
China	468	530	369
Thailand	0	229	235
Netherlands Antilles(*)	156	298	228
Egypt	0	0	225
Sweden	16	43	208
Hong Kong	388	527	205
Malaysia	155	155	201
Peru	124	24	173
Chile	9	283	138
Philippines	40	131	120
Honduras	223	59	117
Guatemala	65	64	109
Belize	73	22	103
Australia(*)	2	22	101
Japan	55	100	99
Costa Rica	179	150	98
Bermuda	137	153	88
Laeward-Windward Islands(*)	85	59	86
Singapore	248	106	77
Colombia	58	72	72
Rest of World	1,161	623	538
World Total	17,130	17,092	16,935
Non-fat dry milk:			
Mexico	273,992	276,309	346,727
Philippines	82,048	73,328	85,909
Indonesia	53,860	31,977	55,801
Vietnam	27,869	21,800	35,506
Malaysia	25,485	27,717	31,312
China	18,278	34,774	21,054
Pakistan	22,601	23,131	17,888
Peru	10,033	15,676	14,068
Chile	7,394	11,119	11,227
Colombia	11,669	8,854	10,716
Korea, South	6,179	8,822	8,640
Honduras	86	2,550	8,485
New Zealand(*)	0	600	7,998
Japan	3,609	12,596	7,748
Dominican Republic	5,719	5,971	5,541
Canada	3,810	3,465	4,400
Sri Lanka	5,928	4,578	4,079
Thailand	4,666	5,093	4,015
Singapore	2,226	3,657	3,359
Nigeria	2,688	2,539	2,814
Egypt	6,410	4,690	2,239
Bangladesh	290	529	2,218
Nicaragua	185	1,633	2,164
El Salvador	786	1,170	2,132
Panama	1,771	2,763	1,878
Algeria	2,101	2,114	1,829
United Arab Emirates	777	1,806	1,725
Guatemala	1,023	1,179	1,180
Brazil	5,877	2,881	1,148
Israel(*)	1,112	935	1,092
Rest of World	5,572	11,704	8,335
World Total	594,046	605,958	713,227

See footnote(s) at end of table.

Table 8-30.—Dairy products: United States exports by country of destination, 2016–2018—Continued

Commodity and country of destination	2016	2017	2018
	<i>Metric tons</i>		
Dry whole milk & cream:			
Vietnam	543	4,715	11,777
China	2,300	9,281	10,340
Mexico	10,598	5,787	7,236
Singapore	2	28	5,958
Colombia	10,665	1,733	2,837
Canada	2,761	2,375	1,629
Malaysia	396	423	838
Indonesia	97	0	804
Dominican Republic	17	248	755
Australia(*)	150	435	708
El Salvador	574	116	688
New Zealand(*)	0	0	558
Chile	89	223	528
Peru	38	117	433
Saudi Arabia	31	9	372
Panama	344	264	325
Algeria	0	98	325
Korea, South	256	289	200
Philippines	3	46	190
Hong Kong	543	183	185
Ecuador	0	0	135
Cambodia	0	0	115
Japan	251	0	105
Trinidad and Tobago	123	196	97
Honduras	0	2	97
Guatemala	9	51	84
Bangladesh	0	0	72
Qatar	39	13	59
Georgia	0	0	58
United Arab Emirates	61	34	47
Rest of World	1,471	678	415
World Total	31,357	32,494	27,333
Butter and milkfat:			
Mexico	9,410	4,266	16,126
Canada	8,886	11,111	13,881
Saudi Arabia	1,830	1,821	2,343
Denmark(*)	1	437	1,582
Dominican Republic	223	380	1,431
Honduras	81	29	1,244
Korea, South	706	1,710	1,088
Taiwan	495	638	836
Japan	15	210	794
Panama	201	345	503
Morocco	96	639	477
Bahrain	95	416	459
Guatemala	91	89	391
Singapore	10	186	326
United Arab Emirates	221	598	271
Colombia	49	132	270
Belgium-Luxembourg(*)	0	431	263
Jamaica	132	259	256
Peru	121	1,256	233
Bahamas, The	140	170	217
France(*)	2	0	152
Leeward-Windward Islands(*)	83	120	145
Bermuda	152	135	140
Belize	270	317	137
Netherlands Antilles(*)	118	109	129
Cayman Islands	112	188	128
Turkey	1	1	109
Nicaragua	2	21	100
Iran	0	0	95
Pakistan	8	46	89
Rest of World	1,498	2,942	859
World Total	25,047	29,001	45,072

See footnote(s) at end of table.

Table 8-30.—Dairy products: United States exports by country of destination, 2016–2018—Continued

Commodity and country of destination	2016	2017	2018
	<i>Metric tons</i>		
Ice cream:			
Mexico	16,325	18,023	16,883
Australia(*)	4,180	5,150	7,043
Canada	2,585	3,882	6,577
Saudi Arabia	6,435	6,081	6,183
United Kingdom	449	771	4,958
United Arab Emirates	4,084	3,796	3,379
Trinidad and Tobago	1,252	1,666	1,719
Brazil	1,076	782	1,629
Malaysia	1,763	1,762	1,610
Korea, South	1,165	1,444	1,347
Bahamas, The	1,384	1,348	1,251
Chile	901	1,274	1,192
Philippines	1,224	804	1,116
China	1,401	645	1,013
Qatar	799	950	966
Kuwait	755	1,042	957
France(*)	631	819	948
Nigeria	689	236	910
Singapore	777	797	857
Japan	714	1,391	707
Jamaica	565	607	685
Netherlands Antilles(*)	600	607	656
Laeward-Windward Islands(*)	469	490	636
Bermuda	707	701	625
Dominican Republic	635	528	603
Indonesia	382	746	566
Bahrain	570	562	482
Netherlands	361	494	472
Panama	566	569	413
Oman	156	405	412
Rest of World	4,191	5,026	4,096
World TotalWorld Total	57,789	63,395	70,890
Cheese and curd:			
Mexico	89,982	96,420	96,902
Korea, South	42,464	52,306	56,169
Japan	27,799	32,411	33,239
Australia(*)	15,576	30,041	24,444
China	9,902	14,338	12,780
Chile	8,652	9,091	10,806
Saudi Arabia	6,704	8,095	8,767
Taiwan	7,372	8,003	8,561
Guatemala	5,661	6,252	7,935
Canada	13,289	11,788	7,712
Panama	5,186	5,928	7,194
Philippines	4,552	6,766	7,145
Dominican Republic	6,306	6,482	6,902
United Arab Emirates	2,461	4,556	5,457
Indonesia	2,485	5,255	5,214
Colombia	2,632	3,249	3,838
Honduras	2,605	3,773	3,347
Malaysia	933	1,042	3,020
Peru	2,908	2,851	2,919
Costa Rica	2,236	2,442	2,674
New Zealand(*)	1,846	2,432	2,410
Jamaica	1,374	1,900	2,144
Kuwait	2,103	2,256	2,033
Bahrain	722	1,425	1,961
Netherlands Antilles(*)	1,292	1,285	1,872
Trinidad and Tobago	1,625	1,677	1,849
Singapore	1,153	1,323	1,832
Hong Kong	1,838	2,132	1,812
Bahamas, The	1,519	1,789	1,744
El Salvador	1,221	1,219	1,623
Rest of World	12,236	12,589	14,254
World Total	286,633	314,113	348,561

See footnote(s) at end of table.

Table 8-30.—Dairy products: United States exports by country of destination, 2016–2018—Continued

Commodity and country of destination	2016	2017	2018
	<i>Liters</i>		
Fluid milk and cream:			
Mexico	36,624,368	38,284,376	38,189,834
Taiwan	22,335,069	28,782,314	37,675,729
Canada	39,340,038	23,311,949	22,864,257
Dominican Republic	7,586,008	2,349,212	6,390,531
Hong Kong	2,032,424	1,916,908	1,869,960
Bahamas, The	1,289,063	1,203,083	1,388,372
United Arab Emirates	70,252	452,025	915,169
Vietnam	2,229,860	949,490	910,394
Turks and Caicos Islands	725,809	759,379	650,111
Singapore	438,289	564,711	604,743
Korea, South	124,097	339,658	553,294
Cayman Islands	611,407	185,856	418,944
Malaysia	184,910	62,700	408,832
Philippines	698,861	329,344	365,236
Leeward-Windward Islands(*)	391,783	370,466	317,379
China	304,180	111,032	193,365
Barbados	86,990	88,524	156,524
Bermuda	415,101	158,220	140,888
Colombia	73,889	576,827	125,043
Micronesia	36,954	108,232	124,384
Cambodia	0	10,800	105,679
Panama	75,499	210,997	93,939
Japan	1,893	3,000	92,813
Uruguay	73,904	58,594	83,832
Thailand	62,413	46,078	83,312
India	3,200	153,962	72,662
Netherlands	320	42,248	63,014
Costa Rica	6,441	29,518	56,974
Palau	88,926	45,435	49,793
Guatemala	36,948	87,801	48,616
Rest of World	1,730,024	4,006,823	379,051
World Total	117,678,920	105,599,562	115,392,674
	<i>Metric tons</i>		
Whey:			
China	207,647	243,532	196,770
Mexico	48,862	56,930	64,407
Philippines	26,135	32,308	36,631
Canada	37,671	37,192	30,464
Japan	18,844	23,389	30,391
Vietnam	23,208	11,517	21,350
New Zealand(*)	18,456	23,057	20,552
Indonesia	20,180	14,397	18,123
Korea, South	12,105	9,984	14,572
Malaysia	13,698	7,179	12,045
Thailand	10,379	10,468	11,312
Singapore	2,839	7,864	7,824
Hong Kong	1,086	1,965	7,405
Egypt	4,962	4,424	6,612
Morocco	704	731	6,204
Taiwan	5,979	6,615	5,993
Colombia	3,606	4,902	5,149
Australia(*)	5,304	6,155	4,182
Chile	1,729	3,540	3,573
Belgium-Luxembourg(*)	106	372	3,417
Guatemala	2,084	2,921	3,379
El Salvador	1,775	2,099	2,778
Peru	2,444	2,999	2,682
Dominican Republic	1,513	1,927	2,340
Honduras	1,033	937	1,979
Ghana	984	1,013	1,811
Nicaragua	1,593	1,718	1,590
Costa Rica	1,269	1,183	1,435
India	682	929	1,188
Israel(*)	1,163	841	875
Rest of World	12,519	12,869	9,229
World Total	490,556	535,957	536,263

(*) Denotes a country that is a summarization of its component countries. Note: Users should use cautious interpretation on quantity reports using mixed units of measure. Quantity line items will only include statistics on the units of measure that are equal to, or are able to be converted to, the assigned unit of measure of the grouped commodities.

FAS, Office of Global Analysis, (202) 720-6301. Data Source: U.S. Census Bureau Trade Data.

Table 8-31.—Chickens: Layers, pullets, and other chickens, by State and United States, December 1, 2017 and 2018

State	Total layers		Total pullets		Other Chickens	
	2017	2018	2017	2018	2017	2018
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Alabama	9,348	9,962	5,792	6,342	973	1,071
Arkansas	14,175	14,690	8,372	8,596	1,009	1,060
California	14,582	15,021	3,237	4,025	54	54
Colorado	4,635	5,141	1,254	1,124	36	55
Florida	7,383	7,352	2,087	1,618	20	25
Georgia	20,134	20,222	8,822	9,644	1,101	894
Illinois	5,635	6,476	433	365	22	19
Indiana	34,082	34,631	9,202	9,693	72	49
Iowa	56,337	58,188	13,243	14,313	107	78
Kentucky	5,644	5,942	2,541	2,418	214	216
Louisiana	2,014	2,078	735	637	75	99
Maryland	2,858	2,831	1,400	1,260	9	8
Massachusetts	140	154	9	30	-	-
Michigan	14,737	16,149	3,655	3,476	4	4
Minnesota	10,458	11,174	3,427	2,974	33	37
Mississippi	5,684	5,536	3,531	3,651	501	508
Missouri	10,509	12,537	4,527	5,600	191	199
Montana	942	1,000	244	236	-	-
Nebraska	7,670	8,453	1,814	1,711	52	28
New York	5,626	5,628	1,095	996	6	11
North Carolina	15,294	13,434	7,319	7,399	894	851
Ohio	35,542	32,967	8,395	10,632	51	1
Oklahoma	2,951	3,105	1,103	1,192	232	179
Oregon	2,404	2,279	553	725	-	-
Pennsylvania	29,391	28,758	4,737	5,161	165	182
South Carolina	4,055	4,263	1,399	1,334	156	125
South Dakota	2,682	2,665	882	777	-	-
Tennessee	1,872	1,658	915	1,019	170	147
Texas	22,549	22,747	6,559	6,533	404	349
Utah	5,036	4,713	1,178	1,139	-	-
Vermont	202	190	20	6	-	2
Virginia	2,675	2,735	1,011	1,283	151	165
Washington	6,770	6,772	1,721	1,339	-	-
West Virginia	1,251	1,207	770	632	99	93
Wisconsin	7,383	7,284	1,679	1,509	22	25
Other States ¹	18,156	18,928	3,512	4,746	36	34
United States	390,806	396,870	117,173	124,135	6,859	6,568

- Represents zero. ¹ Alaska, Arizona, Connecticut, Delaware, Hawaii, Idaho, Kansas, Maine, New Hampshire, New Jersey, New Mexico, Nevada, North Dakota, Rhode Island, and Wyoming combined to avoid disclosing individual operations. NASS, Livestock Branch, (202) 720-3570.

Table 8-32.—Chickens: Inventory number and value, United States, Dec. 1, 2009–2018¹

Year	Total layers	Total pullets	Other chickens	All chickens	Value per head	Total value
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Dollars</i>	<i>1,000 dollars</i>
2009	342,058	104,069	8,487	454,614	3.32	1,510,038
2010	342,782	107,025	7,390	457,197	3.58	1,637,016
2011	343,283	104,159	6,922	454,364	3.79	1,721,671
2012	354,977	105,140	6,827	466,944	4.04	1,885,904
2013	367,356	108,919	6,853	483,128	4.15	2,007,374
2014	374,880	108,044	6,403	489,327	4.13	2,020,748
2015	356,312	120,007	7,211	483,530	4.38	2,115,982
2016	380,610	113,239	6,759	500,608	4.23	2,115,245
2017	390,806	117,173	6,859	514,838	4.20	2,162,545
2018	396,870	124,135	6,568	527,573	4.33	2,284,164

¹ Excludes commercial broilers. NASS Livestock Branch, (202) 720-3570.

Table 8-33.—Chicken inventory: Number, value per head, and total value, by State and United States, December 1, 2017 and 2018¹

State	Number		Value per bird		Total value	
	2017	2018	2017	2018	2017	2018
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 Dollars</i>	<i>1,000 Dollars</i>
Alabama	16,113	17,375	7.40	9.20	119,236	159,850
Arkansas	23,556	24,346	7.90	8.50	186,092	206,941
California	17,873	19,100	3.70	3.80	66,130	72,580
Colorado	5,925	6,320	2.50	2.40	14,813	15,168
Florida	9,490	8,995	2.30	2.70	21,827	24,287
Georgia	30,057	30,760	6.20	6.60	186,353	203,016
Illinois	6,090	6,860	2.70	2.60	16,443	17,836
Indiana	43,356	44,373	1.90	2.30	82,376	102,058
Iowa	69,687	72,579	2.30	2.40	160,280	174,190
Kentucky	8,399	8,576	4.80	5.00	40,315	42,880
Louisiana	2,824	2,814	5.20	5.50	14,685	15,477
Maryland	4,267	4,099	4.00	3.90	17,068	15,986
Massachusetts	149	184	7.50	9.50	1,118	1,748
Michigan	18,396	19,629	2.20	2.60	40,471	51,035
Minnesota	13,918	14,185	2.30	2.30	32,011	32,626
Mississippi	9,716	9,695	8.80	8.60	85,501	83,377
Missouri	15,227	18,336	4.10	4.20	62,431	77,011
Montana	1,186	1,236	5.70	8.60	6,760	10,630
Nebraska	9,536	10,192	3.70	4.10	35,283	41,787
New York	6,727	6,635	2.40	2.90	16,145	19,242
North Carolina	23,507	21,684	7.70	8.70	181,004	188,651
Ohio	43,988	43,600	4.40	3.80	193,547	165,680
Oklahoma	4,286	4,476	7.00	7.50	30,002	33,570
Oregon	2,957	3,004	5.00	4.90	14,785	14,720
Pennsylvania	34,293	34,101	4.20	3.60	144,031	122,764
South Carolina	5,610	5,722	4.70	5.00	26,367	28,610
South Dakota	3,564	3,442	3.50	3.50	12,474	12,047
Tennessee	2,957	2,824	9.40	9.10	27,796	25,698
Texas	29,512	29,629	4.40	4.80	129,853	142,219
Utah	6,214	5,852	2.20	2.30	13,671	13,460
Vermont	222	198	8.60	7.20	1,909	1,426
Virginia	3,837	4,183	7.30	6.50	28,010	27,190
Washington	8,491	8,111	3.90	4.20	33,115	34,066
West Virginia	2,120	1,932	7.50	7.90	15,900	15,263
Wisconsin	9,084	8,818	2.40	2.50	21,802	22,045
Other States ²	21,704	23,708	3.82	2.91	82,941	69,030
United States	514,838	527,573	4.20	4.33	2,162,545	2,284,164

Totals may not add due to rounding. ¹ Excludes commercial broilers. ² Alaska, Arizona, Connecticut, Delaware, Hawaii, Idaho, Kansas, Maine, New Hampshire, New Jersey, New Mexico, Nevada, North Dakota, Rhode Island and Wyoming combined to avoid disclosing data for individual operations.

NASS, Livestock Branch, (202) 720-3570.

Table 8-34.—Mature chickens: Lost, sold for slaughter, price, and value, United States, 2009–2018¹

Year	Number		Pounds (live weight) sold ³	Price per pound live weight ³
	Lost ²	Sold ³		
	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 pounds</i>	<i>1,000 dollars</i>
2009	99,596	176,266	910,333	65,381
2010	108,356	173,404	903,750	73,099
2011	106,361	182,153	943,142	81,110
2012	103,758	179,162	901,411	79,208
2013	102,105	186,486	940,635	89,497
2014	106,166	192,334	970,852	96,840
2015	132,625	198,648	1,010,070	104,828
2016	106,166	207,923	1,060,677	87,949
2017	125,941	189,841	1,001,685	46,999
2018	136,698	189,603	1,019,695	49,365

¹ Annual estimates cover the period December 1 previous year through November 30. Excludes broilers. ² Includes rendered, died, destroyed, composted, or disappeared for any reason (excluding sold for slaughter) during the 12-month period.

NASS, Livestock Branch, (202) 720-3570.

Table 8-35.—Chickens: Lost, sold for slaughter, and value of sales, by State and United States, 2017 and 2018¹

State	Number lost ²		Number sold		Pounds sold		Value of sales	
	2017	2018	2017	2018	2017	2018	2017	2018
	1,000 head				1,000 pounds		1,000 dollars	
Alabama	3,195.9	3,476.2	11,002.1	11,650.7	87,466.7	92,856.1	6,472.5	7,057.1
Arkansas	3,474.2	3,513.9	16,212.7	15,524.2	121,595.3	115,034.3	8,633.3	8,282.5
California	5,978.1	7,143.7	3,013.3	2,671.1	11,058.8	9,909.8	132.7	109.0
Colorado	2,313.7	2,240.8	1,553.0	1,286.7	7,873.7	6,973.9	338.6	341.7
Florida	5,378.0	5,022.6	380.5	401.7	2,891.8	3,000.7	214.0	216.1
Georgia	6,131.3	6,425.8	15,484.6	17,214.4	108,701.9	118,262.9	7,283.0	7,805.4
Illinois	1,221.4	1,487.4	1,911.5	2,505.2	7,301.9	9,519.8	109.5	123.8
Indiana	14,310.9	13,820.0	11,245.3	12,441.1	39,246.1	44,041.5	196.2	220.2
Iowa	28,024.3	31,854.6	6,376.6	9,608.6	22,063.0	33,534.0	110.3	100.6
Kentucky	992.6	1,085.1	4,506.6	5,181.5	26,138.3	30,260.0	1,437.6	1,664.3
Louisiana	315.0	403.5	1,879.4	1,930.1	11,953.0	12,410.5	729.1	769.5
Maryland	280.0	809.6	1,525.3	508.1	5,613.1	2,118.8	67.4	50.9
Massachusetts	9.2	89.2	75.4	0.2	254.1	0.7	(Z)	(Z)
Michigan	1,069.5	3,959.0	9,756.2	5,674.0	32,976.0	19,518.6	33.0	19.5
Minnesota	3,902.3	4,729.9	4,058.2	3,571.8	15,705.2	15,394.5	267.0	431.0
Mississippi	1,399.8	1,406.8	5,525.2	5,812.7	40,555.0	43,072.1	2,798.3	3,058.1
Missouri	3,209.7	2,418.0	8,703.9	6,790.5	41,865.8	34,971.1	1,632.8	1,573.7
Montana	322.6	629.9	52.3	5.1	176.3	17.5	(Z)	(Z)
Nebraska	791.9	1,272.1	5,814.8	4,035.2	19,886.6	14,042.5	59.7	28.1
New York	509.2	586.4	3,903.2	4,532.3	13,192.8	15,681.8	13.2	15.7
North Carolina	4,056.5	4,059.9	14,993.5	17,210.5	103,305.2	112,900.9	6,818.1	7,112.8
Ohio	10,930.4	11,193.0	12,950.4	12,662.9	46,491.9	46,219.6	371.9	416.0
Oklahoma	736.2	775.1	2,562.1	2,251.2	20,112.5	18,144.7	1,488.3	1,397.1
Oregon	1,625.6	1,710.8	14.1	14.9	47.5	51.3	(Z)	(Z)
Pennsylvania	2,781.9	2,855.3	11,201.6	11,911.9	41,670.0	45,146.1	541.7	632.0
South Carolina	1,961.7	1,993.0	1,916.2	2,269.1	12,608.6	15,611.4	807.0	1,046.0
South Dakota	904.6	1,091.5	1,072.3	140.3	3,613.7	481.2	3.6	0.5
Tennessee	521.1	467.9	1,802.3	1,917.2	14,076.0	14,800.8	1,041.6	1,095.3
Texas	4,156.5	3,686.8	14,270.9	14,350.6	69,784.7	72,470.5	2,861.2	3,116.2
Utah	1,598.2	1,127.0	2,648.0	2,271.9	8,923.8	7,815.3	8.9	7.8
Vermont	19.2	25.2	103.2	142.2	390.1	594.4	5.9	14.3
Virginia	1,536.5	1,326.4	2,116.9	2,092.1	17,041.0	16,841.4	1,278.1	1,279.9
Washington	4,852.1	5,113.0	33.3	36.3	112.2	129.6	(Z)	(Z)
West Virginia	286.7	276.3	1,690.7	1,740.5	13,153.6	13,680.3	973.4	1,026.0
Wisconsin	1,093.4	2,951.1	2,540.6	2,157.1	9,781.3	9,340.2	166.3	261.5
Other States ³	6,050.5	5,670.9	6,944.5	7,088.7	24,057.8	24,845.7	104.2	90.9
United States	125,940.7	136,697.7	189,840.7	189,602.6	1,001,685.3	1,019,694.5	46,999.0	49,364.4

(Z) Less than half of the unit shown. ¹ Annual estimates cover the period December 1 previous year through November 30. Exclude broilers. Totals may not add due to rounding. ² Includes rendered, died, destroyed, composted, or disappeared for any reason except sold during the 12-month period. ³ Alaska, Arizona, Connecticut, Delaware, Hawaii, Idaho, Kansas, Maine, Nevada, New Hampshire, New Jersey, New Mexico, North Dakota, Rhode Island, and Wyoming combined to avoid disclosing data for individual operations.
 NASS, Livestock Branch, (202) 720-3570.

Table 8-36.—Chickens: Production, commercial storage, exports, and consumption, United States, 2009–2018

Year	Production			Commercial storage at beginning of year	Exports	Commercial storage at end of year	Consumption	
	Commercial broilers	Other chickens	Total ¹				Total ^{1,2}	Per capita
	Million pounds						Pounds	
2009	35,130	500	35,630	748	6,917	618	28,949	94
2010	36,515	504	37,018	618	6,840	777	30,130	97
2011	36,804	521	37,325	777	7,069	592	30,549	98
2012	36,643	516	37,159	592	7,363	652	29,850	95
2013	37,425	523	37,948	652	7,453	675	30,597	97
2014	38,153	521	38,673	675	7,406	683	31,378	98
2015	39,620	522	40,142	683	6,465	840	33,652	105
2016	40,261	548	40,809	840	6,803	786	34,194	106
2017	41,217	535	41,751	786	6,916	861	34,890	107
2018	42,145	539	42,684	861	7,153	850	35,683	109

¹ Totals may not add due to rounding. ² Shipments to territories now included in total consumption. ERS Markets and Trade Economics Division, Animal Products and Cost of Production Branch, (202) 694-5308.

Table 8-37.—Broilers: Production and value, United States, 2009–2018^{1 2 3}

Year	Number produced	Pounds produced	Value of production
	<i>1,000 head</i>	<i>1,000 pounds</i>	<i>1,000 dollars</i>
2009	8,550,200	47,752,300	21,822,804
2010	8,623,600	49,152,600	23,691,553
2011	8,607,600	50,082,400	22,987,822
2012	8,463,000	49,655,600	24,827,800
2013	8,533,800	50,678,200	30,761,669
2014	8,545,000	51,378,700	32,728,234
2015	8,688,700	53,376,200	28,716,398
2016	8,776,700	54,259,100	25,935,852
2017	8,913,800	55,573,900	30,232,203
2018	9,037,100	56,791,100	31,746,230

¹December 1, previous year through November 30, current year. ²Broiler production including other domestic meat-type strains. ³Excludes States producing less than 500,000 broilers.
NASS, Livestock Branch, (202) 720–3570.

Table 8-38.—Broilers: Production and value, States and United States, 2017 and 2018¹

State	2017			2018		
	Number produced	Pounds produced	Value of production	Number produced	Pounds produced	Value of production
	<i>1,000 head</i>	<i>1,000 pounds</i>	<i>1,000 dollars</i>	<i>1,000 head</i>	<i>1,000 pounds</i>	<i>1,000 dollars</i>
Alabama	1,095,400	6,134,200	3,337,005	1,123,700	6,180,400	3,454,844
Arkansas	1,059,000	6,989,400	3,802,234	1,092,000	7,316,400	4,089,868
Delaware	259,800	1,870,600	1,017,606	263,600	1,924,300	1,075,684
Florida	65,200	371,600	202,150	65,400	385,900	215,718
Georgia	1,363,400	8,044,100	4,375,990	1,361,400	8,168,400	4,566,136
Kentucky	295,800	1,893,100	1,029,846	303,300	1,971,500	1,102,069
Maryland	306,700	1,840,200	1,001,069	289,400	1,736,400	970,648
Minnesota	59,700	358,200	194,861	59,100	360,500	201,520
Mississippi	741,100	4,743,000	2,580,192	747,800	4,711,100	2,633,505
Missouri	291,100	1,426,400	775,962	293,100	1,465,500	819,215
North Carolina	830,800	6,563,300	3,570,435	873,600	6,901,400	3,857,883
Ohio	99,300	526,300	286,307	107,900	561,100	313,655
Oklahoma	204,500	1,370,200	745,389	196,800	1,318,600	737,097
Pennsylvania	185,200	1,037,100	564,182	200,100	1,140,600	637,595
South Carolina	243,100	1,798,900	978,602	237,800	1,807,300	1,010,281
Tennessee	171,500	909,000	494,496	177,300	939,700	525,292
Texas	651,200	4,102,600	2,231,814	653,500	4,247,800	2,374,520
Virginia	277,400	1,608,900	875,242	278,900	1,673,400	935,431
West Virginia	86,100	335,800	182,675	83,300	316,500	176,924
Wisconsin	53,800	226,000	122,944	55,800	228,800	127,899
Other States ²	573,700	3,425,000	1,863,202	573,300	3,435,500	1,920,446
United States	8,913,800	55,573,900	30,232,203	9,037,100	56,791,100	31,746,230

¹Annual estimates cover the period December 1 previous year through November 30. Broiler production including other domestic meat-type strains. Excludes States producing less than 500,000 broilers. ²Includes State estimates not shown and States withheld to avoid disclosing data for individual operations.
NASS, Livestock Branch, (202) 720–3570.

Table 8-39.—Poultry: Slaughtered under Federal inspection, by class, United States, 2016–2018

Class	Number slaughtered			Total live weight		
	2016	2017	2018	2016	2017	2018
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Young chickens	8,768,399	8,916,083	9,034,504	54,036,929	55,314,913	56,541,518
Mature chickens	140,587	134,619	126,406	848,287	822,578	816,199
Total chickens	8,908,986	9,050,702	9,160,910	54,885,216	56,137,491	57,357,717
Young turkeys	241,418	240,014	235,198	7,412,058	7,420,122	7,310,114
Old turkeys	1,837	1,666	1,662	51,966	48,973	48,981
Total turkeys	243,255	241,680	236,860	7,464,024	7,469,095	7,359,095
Ducks	27,268	26,628	27,647	186,715	184,338	192,980
Other poultry ¹	(NA)	(NA)	(NA)	4,054	4,211	3,872
Total poultry	(NA)	(NA)	(NA)	62,540,009	63,795,135	64,913,664
Pounds condemned						
Class	Ante-mortem (live weight)			Post-mortem (Carcass and parts)		
	2016	2017	2018	2016	2017	2018
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Young chickens	124,994	124,241	130,452	356,808	342,149	322,994
Mature chickens	10,156	9,563	8,167	30,365	25,923	20,727
Total chickens	135,150	133,804	138,619	387,173	368,072	343,721
Young turkeys	18,680	18,798	19,090	86,939	84,726	82,278
Old turkeys	662	543	494	1,900	2,025	1,944
Total turkeys	19,342	19,341	19,584	88,839	86,751	84,222
Ducks	528	592	797	3,633	3,531	3,667
Other poultry ²	4	5	5	28	40	35
Total poultry	155,024	153,742	159,005	479,673	458,394	431,645
Pounds certified (ready-to-cook)						
Class	2016	2017	2018			
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>			
Young chickens	40,696,114	41,662,394	42,600,735			
Mature chickens	548,567	535,291	539,362			
Total chickens	41,244,681	42,197,685	43,140,097			
Young turkeys	5,942,076	5,943,827	5,841,082			
Old turkeys	39,025	36,750	37,009			
Total turkeys	5,981,101	5,980,577	5,878,091			
Ducks	135,821	134,313	140,936			
Other poultry ²	2,655	2,727	2,563			
Total poultry	47,364,258	48,315,302	49,161,687			

(NA) Not available. ¹Includes geese, guineas, ostriches, emus, rheas, and squab. ²Includes geese, guineas, and squab.
 NASS, Livestock Branch, (202) 720-3570.

Table 8-40.—Poultry: Feed-price ratios, United States, 2009–2018

Year	Ratios ¹		
	Egg-feed	Broiler-feed	Turkey-feed
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
2009	7.2	4.1	5.0
2010	7.5	4.5	6.2
2011	6.0	3.1	4.9
2012	5.4	3.1	4.7
2013	6.5	3.7	4.6
2014	10.2	5.0	6.3
2015	17.1	5.0	8.5
2016	5.9	4.7	9.2
2017	7.7	5.4	7.2
2018	11.3	5.6	5.5

¹Number of pounds of poultry feed equivalent in value at local market prices to 1 dozen market eggs, or 1 pound of broiler or 1 pound of turkey live weight. Simple average of monthly feed-price ratios. Egg feed= corn (75 lbs) and soybeans (25 lbs); broiler feed= corn (58 lbs); soybeans (42 lbs); turkey feed= corn (51 lbs), soybeans (28 lbs), and wheat (21 lbs). Monthly equivalent prices of commercial prepared feeds are based on current U.S. prices received for corn, soybeans, and wheat.

NASS, Environmental, Economics, and Demographics Branch, (202) 720-6146.

Table 8-41.—Turkeys: Supply, distribution, and per capita consumption, ready-to-cook basis, United States, 2009–2018

Year	Production	Commercial storage at beginning of year	Exports	Commercial storage at end of year	Consumption	
					Total ^{1 2}	Per capita
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Pounds</i>
2009	5,589	396	534	262	5,210	17.0
2010	5,570	262	581	192	5,084	16.4
2011	5,715	192	703	211	5,013	16.1
2012	5,889	211	797	296	5,028	16.0
2013	5,729	296	741	237	5,068	16.0
2014	5,756	237	775	193	5,052	15.9
2015	5,627	193	529	201	5,135	16.0
2016	5,981	201	569	279	5,384	16.7
2017	5,981	279	622	310	5,352	16.4
2018	5,878	310	611	303	5,293	16.2

¹Totals may not add due to rounding. ²Shipments to territories now included in consumption.

ERS Markets and Trade Economics Division, Animal Products and Cost of Production Branch, (202) 694-5409.

Table 8-42.—Turkeys: Production and value, United States, 2009–2018

Year	Number raised	Pounds (live weight) produced	Value of production ¹
	<i>1,000 head</i>	<i>1,000 pounds</i>	<i>1,000 dollars</i>
2009	247,359	7,149,314	3,573,324
2010	244,188	7,108,222	4,372,438
2011	248,500	7,313,205	4,987,608
2012	253,500	7,561,905	5,452,135
2013	240,000	7,277,536	4,839,562
2014	237,500	7,217,006	5,304,501
2015	233,100	7,038,136	5,707,928
2016	244,000	7,486,978	6,184,247
2017	245,200	7,554,397	4,873,677
2018	244,750	7,598,289	3,875,131

NASS, Livestock Branch, (202) 720-3570.

Table 8-43.—Turkeys: Production and value, by State and United States, 2017–2018¹

State	2017			2018		
	Number raised	Pounds produced	Value of production	Number raised	Pounds produced	Value of production
	<i>1,000 head</i>	<i>1,000 pounds</i>	<i>1,000 dollars</i>	<i>1,000 head</i>	<i>1,000 pounds</i>	<i>1,000 dollars</i>
Arkansas	29,500	587,050	379,234	31,500	595,350	303,629
California	11,500	319,700	206,526	11,000	317,900	162,129
Indiana	20,000	792,000	511,632	20,000	768,000	391,680
Iowa	12,000	484,800	313,181	11,900	477,190	243,367
Michigan	5,100	206,040	133,102	5,300	222,070	113,256
Minnesota	42,000	1,058,400	683,726	42,000	1,113,000	567,630
Missouri	18,500	614,200	396,773	19,000	640,300	326,553
North Carolina	32,500	1,144,000	739,024	32,500	1,196,000	609,960
Ohio	6,700	280,730	181,352	6,700	282,070	143,856
Pennsylvania	7,500	204,750	132,269	7,000	195,300	99,603
South Dakota	4,100	176,300	113,890	4,250	179,350	91,469
Utah	5,200	134,160	86,667	(D)	(D)	(D)
Virginia	16,800	458,640	296,281	16,800	462,000	235,620
West Virginia	3,700	111,000	71,706	3,100	96,410	49,169
Other States ²	30,100	972,621	628,314	33,700	1,053,349	537,210
United States	245,200	7,544,391	4,873,677	244,750	7,598,289	3,875,131

(D) Withheld to avoid disclosing data for individual operations. ¹Based on turkeys placed September 1 through August 31. Excludes young turkeys lost. ²Includes State estimates not shown and States withheld to avoid disclosing data for individual operations.

NASS, Livestock Branch, (202) 720–3570.

Table 8-44.—Turkeys: Net poults placements, United States, Monthly, 2017–2018¹

Month	Total all breeds		Percent of Previous Year
	2017	2018	
	<i>Thousands</i>	<i>Thousands</i>	<i>Percent</i>
January	23,046	22,642	98
February	22,078	21,340	97
March	23,636	22,793	96
April	22,237	22,335	100
May	22,639	22,168	98
June	23,950	22,597	94
July	23,987	25,652	107
August	24,321	23,362	96
September	20,670	20,512	99
October	22,030	22,377	102
November	21,399	21,108	99
December	20,766	19,915	96
Total	270,759	266,801	99

¹ Includes imports and excludes exports.
NASS, Livestock Branch, (202) 720–3570.

Table 8-45.—Turkeys: Poult hatched by commercial hatcheries, United States by Month, 2017–2018

Month	2017		2018		Percent of Previous Year
	<i>Thousands</i>		<i>Thousands</i>		<i>Percent</i>
January	25,412		24,406		96
February	23,679		22,654		96
March	25,812		24,180		94
April	23,278		23,482		101
May	24,169		23,503		97
June	25,125		23,337		93
July	24,691		25,730		104
August	24,868		23,888		96
September	23,530		22,443		95
October	24,393		24,295		100
November	24,532		29,089		119
December	22,272		23,176		104
Total	291,761		290,183		99

NASS, Livestock Branch, (202) 720-3570.

Table 8-46.—Eggs: Supply, distribution, and per capita consumption, United States, 2009–2018¹

Year	Total egg production	Storage at beginning of the year ¹	Imports ²	Exports ²	Storage at end of the year ²	Eggs used for hatching	Consumption	
							Total ³	Per capita
	<i>Million dozen</i>						<i>Number</i>	
2009	7,569	91	20	274	93	955	6,357	248
2010	7,656	93	22	295	98	982	6,396	248
2011	7,715	98	21	305	120	950	6,459	248
2012	7,884	120	19	336	85	941	6,660	254
2013	8,233	85	17	425	63	964	6,884	261
2014	8,509	63	35	414	76	981	7,136	269
2015	8,144	76	132	342	74	996	6,941	259
2016	8,668	74	130	304	142	1010	7,415	275
2017	8,943	142	34	355	88	1035	7,642	282
2018	9,115	88	18	333	79	1058	7,751	284

¹ Calendar years. ² Shell eggs and the approximate shell-egg equivalent of egg product. ³ Shipments to territories now included in total consumption.

ERS Markets and Trade Economics Division, Animal Products and Cost of Production Branch, (202) 694-5409.

Table 8-47.—Eggs, shell: Average price per dozen on consumer Grade A cartoned white eggs to volume buyers, store-door delivery, New York, 2009–2018

Year	Large
	<i>Cents</i>
2009	102.97
2010	106.29
2011	115.31
2012	117.46
2013	124.69
2014	142.33
2015	181.74
2016	85.70
2017	100.96
2018	137.58

AMS, Livestock, Poultry and Seed Programs, Livestock, Poultry and Grain Market News Division, (515) 284-4460.

Table 8-48.—Total layers and egg production: Annual average number of layers, eggs per layer, and total production, by State and United States, 2017–2018¹

State	Average number of layers		Eggs per layer ²		Total egg production	
	2017	2018	2017	2018	2017	2018
	<i>Thousands</i>	<i>Thousands</i>	<i>Number</i>	<i>Number</i>	<i>Millions</i>	<i>Millions</i>
Alabama	9,112	9,556	227	223	2,072.3	2,133.3
Arkansas	14,147	14,668	243	241	3,431.0	3,534.7
California	13,202	14,542	285	295	3,759.6	4,294.6
Colorado	4,642	4,866	305	305	1,414.5	1,482.9
Florida	7,587	7,340	276	273	2,095.7	2,005.4
Georgia	19,565	19,607	256	248	5,010.6	4,871.1
Illinois	5,088	6,004	295	294	1,500.4	1,764.1
Indiana	33,553	33,794	294	286	9,869.7	9,658.6
Iowa	55,867	57,614	289	282	16,155.2	16,273.8
Kentucky	5,190	5,690	262	252	1,360.5	1,434.4
Louisiana	1,984	2,004	242	258	480.8	517.5
Maryland	2,852	2,689	295	290	840.1	780.6
Massachusetts	124	142	324	304	40.2	43.1
Michigan	14,272	15,387	296	296	4,225.5	4,548.1
Minnesota	10,462	10,812	294	290	3,070.7	3,131.8
Mississippi	5,587	5,673	249	250	1,392.8	1,418.6
Missouri	10,764	11,937	292	291	3,146.3	3,473.9
Montana	523	900	294	325	153.8	292.5
Nebraska	8,167	7,829	305	305	2,489.1	2,388.8
New York	5,660	5,553	303	298	1,717.8	1,656.5
North Carolina	15,295	14,573	259	254	3,956.2	3,705.4
Ohio	33,773	32,848	289	285	9,754.6	9,364.9
Oklahoma	2,931	3,051	236	228	691.8	697.1
Oregon	2,369	2,382	314	307	744.6	732.4
Pennsylvania	28,232	28,477	295	296	8,337.3	8,423.1
South Carolina	3,922	4,331	272	267	1,068.3	1,156.2
South Dakota	2,701	2,603	290	307	784.3	797.9
Tennessee	1,642	1,798	229	216	376.6	388.8
Texas	21,781	22,563	267	271	5,820.3	6,108.5
Utah	5,153	4,793	294	293	1,512.9	1,403.4
Vermont	158	201	292	307	46.1	61.7
Virginia	2,698	2,676	265	268	716.0	716.7
Washington	6,994	6,959	301	302	2,103.7	2,102.1
West Virginia	1,244	1,284	221	230	274.7	295.9
Wisconsin	6,428	7,271	289	286	1,860.1	2,077.8
Other States ³	17,506	18,894	284	289	4,967.5	5,455.9
United States	381,175	391,311	281	279	107,241.6	109,192.1

¹ Annual estimates cover the period December 1 previous year through November 30. Totals may not add due to rounding. ² Total egg production divided by average number of layers on hand. ³ Alaska, Arizona, Connecticut, Delaware, Hawaii, Idaho, Kansas, Maine, New Hampshire, New Jersey, New Mexico, Nevada, North Dakota, Rhode Island, and Wyoming combined to avoid disclosing data for individual operations.
 NASS, Livestock Branch, (202) 720-3570.

Table 8-49.—Eggs: Broken under Federal inspection, United States, 2017–2018

Item	Quantity	
	2017	2018
Shell eggs broken	<i>1,000 dozen</i> 2,307,023	<i>1,000 dozen</i> 2,399,762
Edible product from shell eggs broken	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Whole	1,837,087	1,911,501
White	771,207	788,037
Yolk	383,655	390,716
Total	2,991,949	3,090,254
Inedible product from shell eggs broken	239,584	260,875

NASS, Livestock Branch, (202) 720-3570.

Table 8-50.—Eggs: Number, rate of lay, production, and value, United States, 2009–2018¹

Year	Layers average number	Eggs per layer ²	Total egg production	Value of production
	<i>Thousands</i>	<i>Number</i>	<i>Millions</i>	<i>1,000 dollars</i>
2009	338,846	268	90,737	6,191,040
2010	341,505	269	91,811	6,553,087
2011	340,598	271	92,450	7,355,873
2012	394,844	274	94,364	7,929,104
2013	358,313	275	98,481	8,745,404
2014	368,193	277	101,816	10,342,687
2015	356,370	276	98,291	13,762,519
2016	369,949	279	103,202	6,591,359
2017	381,175	281	107,242	7,635,001
2018	391,311	279	109,192	10,586,262

¹ Annual estimates cover the period December 1 previous year through November 30. ² Total egg production divided by average number of layers on hand.
NASS, Livestock Branch, (202) 720–3570.

Table 8-51.—Total Eggs: Production and value by State and United States, 2017–2018¹

State	Eggs produced		Value of production	
	2017	2018	2017	2018
	<i>Millions</i>	<i>Millions</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Alabama	2,072.3	2,133.3	349,437	382,196
Arkansas	3,431.0	3,534.7	482,651	527,651
California	3,759.6	4,294.6	267,690	503,663
Colorado	1,414.5	1,482.9	77,227	113,657
Florida	2,095.7	2,005.4	112,225	154,784
Georgia	5,010.6	4,871.1	587,500	656,656
Illinois	1,500.4	1,764.1	87,784	147,870
Indiana	9,869.7	9,658.6	543,793	796,467
Iowa	16,155.2	16,273.8	868,838	1,327,106
Kentucky	1,360.5	1,434.4	122,051	158,458
Louisiana	480.8	517.5	53,102	63,196
Maryland	840.1	780.6	45,389	60,686
Massachusetts	40.2	43.1	2,023	3,194
Michigan	4,225.5	4,548.1	220,431	364,078
Minnesota	3,070.7	3,131.8	171,173	262,646
Mississippi	1,392.8	1,418.6	211,051	230,685
Missouri	3,146.3	3,473.9	207,485	297,684
Montana	153.8	292.5	11,192	33,674
Nebraska	2,489.1	2,388.8	130,912	198,202
New York	1,717.8	1,656.5	90,433	127,359
North Carolina	3,956.2	3,705.4	461,195	509,017
Ohio	9,754.6	9,364.9	524,196	762,538
Oklahoma	691.8	697.1	80,090	92,177
Oregon	744.6	732.4	50,436	85,136
Pennsylvania	8,337.3	8,423.1	482,082	673,940
South Carolina	1,068.3	1,156.2	92,746	118,383
South Dakota	784.3	797.9	40,556	63,795
Tennessee	376.6	388.8	68,552	70,558
Texas	5,820.3	6,108.5	395,521	546,249
Utah	1,512.9	1,403.4	102,395	163,332
Vermont	46.1	61.7	2,787	5,218
Virginia	716.0	716.7	91,300	100,668
Washington	2,103.7	2,102.1	141,321	240,515
West Virginia	274.7	295.9	50,249	54,681
Wisconsin	1,860.1	2,077.8	108,619	176,103
Other States ²	4,967.5	5,455.9	300,569	514,040
United States	107,241.6	109,192.1	7,635,001	10,586,262

Totals may not add due to rounding. ¹ Annual estimates cover the period December 1 previous year through November 30. Includes hatching and market (table) eggs. ² Alaska, Arizona, Connecticut, Delaware, Hawaii, Idaho, Kansas, Maine, Nevada, New Hampshire, New Jersey, New Mexico, North Dakota, Rhode Island, and Wyoming combined to avoid disclosing individual operations.
NASS, Livestock Branch, (202) 720–3570.

Table 8-52.—Poultry and poultry products: Cold storage holdings, end of month, United States, 2017– 2018

Month	Frozen eggs							
	Whites		Yolks		Whole & mixed		Unclassified	
	2017	2018	2017	2018	2017	2018	2017	2018
	<i>1,000 pounds</i>							
January	4,364	4,028	1,025	689	13,170	13,136	18,354	13,188
February	5,200	4,917	1,039	677	13,177	12,782	21,655	13,932
March	5,707	3,155	828	629	13,416	11,341	21,960	13,050
April	4,628	2,479	920	715	12,296	12,596	23,332	11,973
May	3,530	3,296	914	688	13,109	13,000	21,480	13,252
June	4,773	3,207	1,340	1,031	14,034	12,837	21,565	13,630
July	5,244	3,220	1,228	1,095	14,592	13,169	19,129	12,307
August	4,651	2,734	675	799	13,290	14,498	16,550	13,959
September ...	4,685	2,521	1,200	1,157	13,174	11,231	14,875	14,026
October	4,138	2,308	672	704	12,884	13,721	15,234	13,534
November	4,597	2,503	733	485	11,217	13,974	11,364	12,641
December	4,760	2,688	642	814	11,734	13,869	13,026	12,005
Month	Frozen eggs, total		Frozen chicken					
	2017	2018	Broilers (Whole)		Hens		Breast and breast meat	
			2017	2018	2017	2018	2017	2018
	<i>1,000 pounds</i>							
January	36,913	31,041	17,357	12,841	7,918	4,735	191,811	200,238
February	41,071	32,308	16,274	14,010	6,490	4,305	191,083	201,580
March	41,911	28,175	16,783	15,641	4,926	3,869	178,702	184,218
April	41,176	27,763	21,761	14,436	4,629	3,923	186,900	182,862
May	39,033	30,236	20,662	14,402	6,090	3,808	184,393	186,418
June	41,712	30,705	22,744	15,370	7,846	3,907	182,935	181,547
July	40,193	29,791	22,807	16,379	8,799	6,310	172,907	170,472
August	35,166	31,990	22,154	20,407	8,538	5,270	169,854	173,958
September ...	33,934	28,935	22,269	21,073	6,567	6,150	170,582	177,388
October	32,928	30,267	20,281	17,073	6,065	4,545	175,209	184,127
November	27,911	29,603	16,350	17,119	4,562	4,223	184,012	186,937
December	30,162	29,376	11,990	17,712	4,613	5,615	188,070	188,311
Month	Frozen chicken							
	Drumsticks		Leg quarters		Legs		Thigh and thigh quarters	
	2017	2018	2017	2018	2017	2018	2017	2018
	<i>1,000 pounds</i>							
January	16,621	25,873	109,647	88,635	12,620	15,918	8,473	7,030
February	18,146	26,997	112,677	81,742	17,379	15,490	12,162	8,492
March	16,672	27,613	113,069	86,768	21,830	14,423	9,916	8,853
April	19,942	29,793	116,017	89,943	24,220	13,176	8,502	8,575
May	21,240	31,983	119,333	87,863	23,665	15,390	8,106	9,627
June	20,500	36,304	131,323	85,540	21,861	17,291	8,362	10,214
July	25,124	36,503	125,073	81,554	18,937	15,527	7,186	9,182
August	24,359	37,194	114,455	97,914	17,842	19,163	9,177	12,812
September ...	22,835	40,085	128,744	104,410	18,386	18,012	9,101	11,892
October	21,869	38,655	120,762	90,698	20,317	16,693	8,225	11,576
November	24,930	38,884	113,777	70,030	18,843	17,217	9,046	13,449
December	31,185	37,552	104,563	61,435	13,220	11,749	10,274	12,572
Month	Frozen chicken							
	Thigh meat		Wings		Paws and feet		Other	
	2017	2018	2017	2018	2017	2018	2017	2018
	<i>1,000 pounds</i>							
January	26,635	26,054	71,783	64,627	18,650	28,853	293,562	402,530
February	24,497	26,396	71,523	70,655	15,328	32,100	300,314	418,109
March	21,697	24,368	64,942	68,347	17,795	26,899	298,341	410,474
April	18,937	24,544	61,818	71,639	22,781	25,402	310,387	403,241
May	15,936	23,611	56,609	79,955	21,337	30,233	307,465	391,898
June	15,170	21,872	60,502	81,488	19,136	36,553	315,086	397,898
July	16,597	23,595	60,238	88,979	21,353	33,573	319,099	395,575
August	15,861	21,861	63,417	97,436	20,841	33,837	315,555	406,395
September ...	17,285	22,721	66,850	104,951	22,784	28,189	332,687	423,132
October	21,082	22,435	70,364	97,318	24,602	27,422	385,432	429,754
November	23,241	25,906	76,187	98,708	26,569	26,216	399,085	430,447
December	26,122	24,145	74,113	86,813	26,665	31,460	396,407	404,262

See end of table.

Table 8-52.—Poultry and poultry products: Cold storage holdings, end of month, United States, 2017–2018—Continued

Month	Total chicken		Frozen turkey					
	2017	2018	Toms		Hens		Total whole	
			2017	2018	2017	2018	2017	2018
<i>1,000 pounds</i>								
January	775,077	877,334	57,392	84,346	67,075	74,187	124,467	158,533
February	785,873	899,876	71,510	97,875	83,670	90,466	155,180	188,341
March	764,673	871,473	79,721	106,625	101,494	112,223	181,215	218,848
April	795,894	867,534	101,509	125,408	115,587	123,467	217,096	248,875
May	784,836	875,188	130,431	149,736	141,572	134,593	272,003	284,329
June	805,465	887,984	146,273	160,846	161,610	145,418	307,883	306,264
July	798,120	877,649	171,608	181,480	174,669	147,906	346,277	329,386
August	782,053	926,247	175,578	192,601	173,123	155,216	348,701	347,817
September ...	818,090	958,003	181,048	192,267	151,266	138,460	332,314	330,727
October	874,208	940,296	154,342	150,034	103,223	101,861	257,565	251,895
November	896,602	929,136	61,513	51,307	47,543	41,267	109,056	92,574
December	887,222	881,626	61,288	49,213	48,356	53,181	109,644	102,394
Frozen turkey								
Month	Breasts		Legs		Mechanically deboned meat		Other	
	2017	2018	2017	2018	2017	2018	2017	2018
<i>1,000 pounds</i>								
January	73,909	85,313	17,522	11,588	6,252	6,546	32,038	31,208
February	87,836	101,384	16,497	11,069	5,825	6,607	30,166	31,787
March	97,176	100,335	15,289	11,744	6,479	5,983	33,736	32,596
April	105,780	102,215	12,257	11,231	7,290	7,497	32,206	29,018
May	106,663	104,830	12,492	12,325	8,512	7,831	29,679	30,241
June	105,260	99,023	10,463	14,972	8,438	9,466	29,246	33,116
July	103,097	99,010	10,518	14,039	6,428	10,182	27,784	34,366
August	101,706	90,558	10,393	14,710	6,559	9,155	31,039	30,738
September ...	92,471	79,241	7,311	13,077	6,501	7,857	32,976	29,151
October	71,492	66,522	9,344	11,641	6,189	8,003	33,077	24,755
November	64,000	72,068	11,958	12,465	5,943	7,673	28,675	25,294
December	73,195	77,143	13,076	14,117	6,302	8,118	31,140	30,586
Frozen turkey								
Month	Unclassified		Total turkey		Ducks		Total frozen poultry	
	2017	2018	2017	2018	2017	2018	2017	2018
<i>1,000 pounds</i>								
January	85,305	82,000	339,493	375,188	4,492	2,802	1,119,062	1,255,324
February	82,866	88,430	378,370	427,618	5,329	2,697	1,169,572	1,330,191
March	94,857	93,479	428,752	462,985	5,325	3,623	1,198,750	1,338,081
April	96,855	95,008	471,484	493,844	3,872	3,645	1,271,250	1,365,023
May	100,555	96,470	529,904	536,026	3,365	3,850	1,318,105	1,415,064
June	103,833	99,017	565,123	561,858	3,307	3,625	1,373,895	1,453,467
July	101,519	107,944	595,623	594,927	3,903	4,285	1,397,646	1,476,861
August	101,615	113,381	600,013	606,359	3,868	3,974	1,385,934	1,536,580
September ...	98,390	104,693	569,963	564,746	3,682	3,563	1,391,735	1,526,312
October	83,189	82,243	460,856	445,059	3,651	3,402	1,338,715	1,388,757
November	68,904	64,092	288,536	274,166	2,877	2,949	1,188,015	1,206,251
December	76,268	70,405	309,625	302,763	2,373	2,942	1,199,220	1,187,331

NASS, Livestock Branch, (202) 720-3570.

Table 8-53.—Dairy products: Cold storage holdings, end of month, United States, 2017–2018

Month	Butter		American cheese	
	2017	2018	2017	2018
<i>1,000 pounds</i>				
January	221,556	226,694	722,449	741,772
February	269,857	265,756	744,640	762,770
March	272,500	273,955	772,702	766,628
April	292,284	307,325	804,645	780,256
May	313,593	338,492	816,266	804,075
June	310,158	336,625	810,234	800,379
July	307,359	318,325	831,538	823,342
August	280,194	290,851	800,994	787,435
September	255,839	282,379	780,466	803,750
October	217,918	231,223	740,404	811,593
November	159,258	154,366	733,378	798,970
December	168,787	179,333	746,846	800,336
Month	Swiss cheese		Other	
	2017	2018	2017	2018
<i>1,000 pounds</i>				
January	23,930	28,733	445,787	508,132
February	26,999	27,884	454,818	527,077
March	26,053	29,080	463,489	529,020
April	26,962	29,193	471,721	535,831
May	26,242	31,424	466,421	549,441
June	25,495	31,312	480,969	556,947
July	27,009	32,189	510,959	557,449
August	26,831	31,211	505,726	541,843
September	25,408	30,848	502,198	545,105
October	24,277	30,775	503,269	532,781
November	24,933	29,866	500,319	523,903
December	26,367	29,775	507,271	514,683
Month	Total natural cheese			
	2017		2018	
<i>1,000 pounds</i>				
January	1,192,166		1,278,637	
February	1,226,457		1,317,731	
March	1,262,244		1,324,728	
April	1,303,328		1,345,280	
May	1,308,929		1,384,940	
June	1,316,698		1,388,638	
July	1,369,506		1,412,980	
August	1,333,551		1,360,489	
September	1,308,072		1,379,703	
October	1,267,950		1,375,149	
November	1,258,630		1,352,739	
December	1,280,484		1,344,794	

NASS, Livestock Branch, (202) 720-3570.