



Dairy Products

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January 2017 Highlights

Total cheese output (excluding cottage cheese) was 1.04 billion pounds, 3.7 percent above January 2016 but 1.2 percent below December 2016.

Italian type cheese production totaled 452 million pounds, 3.8 percent above January 2016 but 1.5 percent below December 2016.

American type cheese production totaled 413 million pounds, 3.0 percent above January 2016 but 1.2 percent below December 2016.

Butter production was 178 million pounds, 1.2 percent above January 2016 and 8.5 percent above December 2016.

Dry milk powders (comparisons with January 2016)

Nonfat dry milk, human - 155 million pounds, up 13.1 percent.

Skim milk powders - 50.5 million pounds, down 1.4 percent.

Whey products (comparisons with January 2016)

Dry whey, total - 82.2 million pounds, down 1.3 percent.

Lactose, human and animal - 92.2 million pounds, up 9.0 percent.

Whey protein concentrate, total - 40.0 million pounds, up 2.6 percent.

Frozen products (comparisons with January 2016)

Ice cream, regular (hard) - 56.6 million gallons, down 0.8 percent.

Ice cream, lowfat (total) - 29.5 million gallons, up 14.7 percent.

Sherbet (hard) - 3.14 million gallons, up 27.4 percent.

Frozen yogurt (total) - 4.24 million gallons, up 2.7 percent.

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Dairy Products Production by Product – United States: January 2016 and 2017

Product	January 2016	December 2016	January 2017	Change from	
				January 2016	December 2016
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
Butter	175,654	163,796	177,761	1.2	8.5
Cheese					
American types ¹	400,989	417,812	412,887	3.0	-1.2
Cheddar	296,492	304,976	306,755	3.5	0.6
Other American types	104,497	112,836	106,132	1.6	-5.9
Blue and Gorgonzola	6,786	7,113	6,978	2.8	-1.9
Brick and Muenster	14,969	14,690	15,260	1.9	3.9
Cream and Neufchatel	69,074	78,068	77,678	12.5	-0.5
Feta	11,962	8,585	11,606	-3.0	35.2
Gouda	4,169	3,790	3,553	-14.8	-6.3
Hispanic	19,461	22,600	21,046	8.1	-6.9
Italian types	435,176	458,868	451,890	3.8	-1.5
Mozzarella	336,865	358,350	352,188	4.5	-1.7
Parmesan	34,107	33,272	35,680	4.6	7.2
Provolone	33,011	33,190	31,636	-4.2	-4.7
Ricotta	21,399	22,942	21,248	-0.7	-7.4
Romano	3,677	3,919	4,478	21.8	14.3
Other Italian types	6,117	7,195	6,660	8.9	-7.4
Swiss	27,495	26,891	26,010	-5.4	-3.3
All other types	13,197	14,444	13,102	-0.7	-9.3
Total cheese	1,003,278	1,052,861	1,040,010	3.7	-1.2
Cottage cheese, curd ²	31,375	31,322	30,778	-1.9	-1.7
Cottage cheese, cream ³	23,777	25,766	23,809	0.1	-7.6
Cottage cheese, lowfat ⁴	28,610	27,600	27,088	-5.3	-1.9
Sour cream	102,931	130,879	111,200	8.0	-15.0
Yogurt, plain and flavored	394,767	359,707	375,392	-4.9	4.4
	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(percent)	(percent)
Frozen products					
Ice cream, regular, hard	57,066	50,626	56,628	-0.8	11.9
Ice cream, lowfat, hard	14,429	12,383	13,771	-4.6	11.2
Ice cream, lowfat, soft	11,294	13,455	15,723	39.2	16.9
Ice cream, lowfat, total	25,723	25,838	29,494	14.7	14.1
Ice cream, nonfat, hard	457	446	501	9.6	12.3
Sherbet, hard	2,461	2,132	3,135	27.4	47.0
Frozen yogurt, total	4,125	4,005	4,236	2.7	5.8
Regular and lowfat, hard	1,412	1,699	1,606	13.7	-5.5
Nonfat, hard	484	289	417	-13.8	44.3
Other frozen dairy products	840	688	797	-5.1	15.8
Water and juice ices	4,181	3,126	4,038	-3.4	29.2
Mix for frozen products					
Ice cream, regular, mix	32,846	28,091	32,705	-0.4	16.4
Ice cream, lowfat, mix	14,357	14,574	16,663	16.1	14.3
Ice cream, nonfat, mix	467	491	482	3.2	-1.8
Sherbet mix	1,671	1,449	2,026	21.2	39.8
Yogurt mix	2,564	2,739	2,471	-3.6	-9.8

¹ Includes Cheddar, Colby, Monterey, and Jack.

² Mostly used for processing into cream or lowfat cottage cheese.

³ Fat content 4 percent or more.

⁴ Fat content less than 4 percent.

**Whey and Modified Whey Products Production, Stocks, and Prices – United States:
January 2016 and 2017**

Product	January 2016	December 2016	January 2017	Change from	
				January 2016	December 2016
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
Condensed whey, solids content ¹					
Sweet-type, human	11,373	9,982	8,811	-22.5	-11.7
Dry whey products					
Dry whey, human	80,450	76,733	79,807	-0.8	4.0
Dry whey, animal	2,831	1,534	2,413	-14.8	57.3
Dry whey, total	83,281	78,267	82,220	-1.3	5.1
Reduced lactose and minerals					
Human	3,000	2,309	2,737	-8.8	18.5
Animal	2,976	2,570	2,679	-10.0	4.2
Whey protein concentrate					
Human ²	38,858	38,747	39,720	2.2	2.5
Animal ²	193	307	328	69.9	6.8
Total ²	39,051	39,054	40,048	2.6	2.5
25.0-49.9 percent ³	15,045	14,511	14,981	-0.4	3.2
50.0-89.9 percent ³	24,006	24,543	25,067	4.4	2.1
Whey protein isolates ⁴	8,792	10,988	9,914	12.8	-9.8
Lactose, human and animal	84,602	93,210	92,178	9.0	-1.1
Manufacturers' stocks end of month ⁵					
Dry whey products					
Dry whey, human	81,822	63,803	66,396	-18.9	4.1
Dry whey, animal	2,028	1,834	817	-59.7	-55.5
Dry whey, total	83,850	65,637	67,213	-19.8	2.4
Reduced Lactose and minerals					
Human and animal ⁶	7,351	6,345	6,092	-17.1	-4.0
Whey protein concentrate					
Human ²	64,059	55,846	55,372	-13.6	-0.8
Animal ²	1,290	640	1,490	15.5	132.8
Total ²	65,349	56,486	56,862	-13.0	0.7
25.0-49.9 percent ³	28,173	19,192	19,347	-31.3	0.8
50.0-89.9 percent ³	37,176	37,294	37,515	0.9	0.6
Whey protein isolates ⁴	16,651	22,596	23,096	38.7	2.2
Lactose, human and animal	115,434	100,474	108,977	-5.6	8.5
	(cents per pound)	(cents per pound)	(cents per pound)	(cents change)	(cents change)
Manufacturers' selling price ⁷					
Dry whey, animal	15.2	17.0	10.1	-5.1	-6.9

¹ Final marketable product only. Does not include quantity used or shipped to another plant for further processing into dry whey or modified whey products. Does not include sweet-type, animal whey.

² Whey protein concentrate, 25.0 to 89.9 percent.

³ Whey protein concentrate, human and animal.

⁴ Whey protein isolate, 90.0 percent or greater.

⁵ Stocks held by manufacturers at all points and in transit.

⁶ Reduced lactose and minerals stocks combined to avoid disclosure of individual operations.

⁷ Prices for bulk goods, f.o.b. plant. Average monthly prices reported by firms.

**Condensed and Dry Milk Products Production, Stocks, and Shipments – United States:
January 2016 and 2017**

Product	January 2016	December 2016	January 2017	Change from	
				January 2016	December 2016
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
Production					
Bulk condensed milk					
Skim, unsweetened	140,637	102,549	141,898	0.9	38.4
Dry milk products					
Dry buttermilk, total	11,414	10,988	11,788	3.3	7.3
Dry skim milk, animal	638	863	791	24.0	-8.3
Dry whole milk	9,947	9,661	10,660	7.2	10.3
Milk protein concentrate, total ¹	15,896	14,008	17,297	8.8	23.5
Nonfat dry milk, human	137,046	154,980	155,039	13.1	-
Skim milk powder, total ²	51,243	54,726	50,540	-1.4	-7.6
Manufacturers' stocks end-of-month ³					
Dry milk products					
Dry buttermilk, total	21,409	22,805	22,272	4.0	-2.3
Dry skim milk, animal	1,498	1,969	1,898	26.7	-3.6
Dry whole milk	13,065	13,346	16,456	26.0	23.3
Nonfat dry milk, human	226,446	227,970	229,046	1.1	0.5
Manufacturers' shipments ⁴					
Dry milk products					
Nonfat dry milk, human	112,723	138,346	149,035	32.2	7.7

- Represents zero.

¹ Dry milk protein concentrate, 40-89.9 percent.

² Includes protein standardized and blends.

³ Stocks held by manufacturers at all points and in transit.

⁴ For dry products, shipments of bulk goods.

Dairy Products Production by Product and Month – United States: 2016 and 2017

[Blank data cells indicate estimation period has not yet begun]

Product and month	By month			Cumulative		
	2016	2017	Change from 2016	2016	2017	Change from 2016
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
Total cheese						
January	1,003,278	1,040,010	3.7	1,003,278	1,040,010	3.7
February	955,051			1,958,329		
March	1,025,629			2,983,958		
April	991,181			3,975,139		
May	1,002,024			4,977,163		
June	990,753			5,967,916		
July	1,012,526			6,980,442		
August	999,583			7,980,025		
September	985,312			8,965,337		
October	1,038,075			10,003,412		
November	1,019,809			11,023,221		
December	1,052,861			12,076,082		
Total American cheese types ¹						
January	400,989	412,887	3.0	400,989	412,887	3.0
February	366,870			767,859		
March	399,063			1,166,922		
April	395,527			1,562,449		
May	400,350			1,962,799		
June	389,382			2,352,181		
July	398,996			2,751,177		
August	389,387			3,140,564		
September	376,427			3,516,991		
October	398,746			3,915,737		
November	395,590			4,311,327		
December	417,812			4,729,139		
Cheddar cheese						
January	296,492	306,755	3.5	296,492	306,755	3.5
February	257,550			554,042		
March	283,957			837,999		
April	297,403			1,135,402		
May	290,549			1,425,951		
June	277,668			1,703,619		
July	281,801			1,985,420		
August	279,186			2,264,606		
September	268,541			2,533,147		
October	280,176			2,813,323		
November	282,446			3,095,769		
December	304,976			3,400,745		

See footnote(s) at end of table.

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Dairy Products Production by Product and Month – United States: 2016 and 2017

[Blank data cells indicate estimation period has not yet begun]

Product and month	By month			Cumulative		
	2016	2017	Change from 2016	2016	2017	Change from 2016
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
Total Italian cheese types						
January	435,176	451,890	3.8	435,176	451,890	3.8
February	423,918			859,094		
March	458,783			1,317,877		
April	436,543			1,754,420		
May	440,810			2,195,230		
June	434,410			2,629,640		
July	443,092			3,072,732		
August	424,496			3,497,228		
September	428,277			3,925,505		
October	445,974			4,371,479		
November	436,519			4,807,998		
December	458,868			5,266,866		
Mozzarella						
January	336,865	352,188	4.5	336,865	352,188	4.5
February	332,553			669,418		
March	359,034			1,028,452		
April	340,847			1,369,299		
May	345,427			1,714,726		
June	339,659			2,054,385		
July	348,503			2,402,888		
August	328,638			2,731,526		
September	334,566			3,066,092		
October	344,404			3,410,496		
November	338,781			3,749,277		
December	358,350			4,107,627		
Other Italian cheese types						
January	6,117	6,660	8.9	6,117	6,660	8.9
February	5,777			11,894		
March	5,994			17,888		
April	5,376			23,264		
May	6,250			29,514		
June	5,778			35,292		
July	5,296			40,588		
August	4,958			45,546		
September	6,032			51,578		
October	6,558			58,136		
November	6,493			64,629		
December	7,195			71,824		

See footnote(s) at end of table.

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Dairy Products Production by Product and Month – United States: 2016 and 2017

[Blank data cells indicate estimation period has not yet begun]

Product and month	By month			Cumulative		
	2016	2017	Change from 2016	2016	2017	Change from 2016
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
Butter						
January	175,654	177,761	1.2	175,654	177,761	1.2
February	174,353			350,007		
March	182,126			532,133		
April	176,453			708,586		
May	170,015			878,601		
June	151,244			1,029,845		
July	144,019			1,173,864		
August	130,057			1,303,921		
September	135,346			1,439,267		
October	141,606			1,580,873		
November	144,580			1,725,453		
December	163,796			1,889,249		
Nonfat dry milk, human						
January	137,046	155,039	13.1	137,046	155,039	13.1
February	140,225			277,271		
March	172,009			449,280		
April	169,349			618,629		
May	166,026			784,655		
June	146,017			930,672		
July	150,889			1,081,561		
August	117,657			1,199,218		
September	125,797			1,325,015		
October	140,792			1,465,807		
November	128,166			1,593,973		
December	154,980			1,748,953		
Skim milk powders ²						
January	51,243	50,540	-1.4	51,243	50,540	-1.4
February	40,201			91,444		
March	40,564			132,008		
April	43,189			175,197		
May	50,865			226,062		
June	55,312			281,374		
July	48,814			330,188		
August	46,426			376,614		
September	38,447			415,061		
October	41,475			456,536		
November	50,112			506,648		
December	54,726			561,374		

See footnote(s) at end of table.

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Dairy Products Production by Product and Month – United States: 2016 and 2017

[Blank data cells indicate estimation period has not yet begun]

Product and month	By month			Cumulative		
	2016	2017	Change from 2016	2016	2017	Change from 2016
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
Dry whey, total ³						
January	83,281	82,220	-1.3	83,281	82,220	-1.3
February	75,459			158,740		
March	82,941			241,681		
April	82,348			324,029		
May	82,046			406,075		
June	80,134			486,209		
July	82,354			568,563		
August	76,396			644,959		
September	75,864			720,823		
October	83,967			804,790		
November	72,893			877,683		
December	78,267			955,950		
Lactose, human and animal						
January	84,602	92,178	9.0	84,602	92,178	9.0
February	83,897			168,499		
March	92,710			261,209		
April	87,962			349,171		
May	91,631			440,802		
June	93,756			534,558		
July	97,715			632,273		
August	92,209			724,482		
September	94,699			819,181		
October	89,280			908,461		
November	87,250			995,711		
December	93,210			1,088,921		
Whey protein concentrate, total						
January	39,051	40,048	2.6	39,051	40,048	2.6
February	36,775			75,826		
March	39,232			115,058		
April	36,808			151,866		
May	37,992			189,858		
June	36,983			226,841		
July	36,664			263,505		
August	34,337			297,842		
September	35,343			333,185		
October	36,194			369,379		
November	37,479			406,858		
December	39,054			445,912		

See footnote(s) at end of table.

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Dairy Products Production by Product and Month – United States: 2016 and 2017

[Blank data cells indicate estimation period has not yet begun]

Product and month	By month			Cumulative		
	2016	2017	Change from 2016	2016	2017	Change from 2016
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
Cottage cheese, cream						
January	23,777	23,809	0.1	23,777	23,809	0.1
February	25,233			49,010		
March	28,607			77,617		
April	26,717			104,334		
May	27,985			132,319		
June	27,852			160,171		
July	26,482			186,653		
August	28,855			215,508		
September	27,410			242,918		
October	26,651			269,569		
November	25,510			295,079		
December	25,766			320,845		
Cottage cheese, lowfat						
January	28,610	27,088	-5.3	28,610	27,088	-5.3
February	28,708			57,318		
March	34,290			91,608		
April	30,499			122,107		
May	31,902			154,009		
June	30,459			184,468		
July	29,912			214,380		
August	31,646			246,026		
September	30,221			276,247		
October	29,870			306,117		
November	28,515			334,632		
December	27,600			362,232		
Sour cream						
January	102,931	111,200	8.0	102,931	111,200	8.0
February	103,420			206,351		
March	116,668			323,019		
April	102,123			425,142		
May	113,759			538,901		
June	119,715			658,616		
July	104,836			763,452		
August	116,521			879,973		
September	109,965			989,938		
October	125,142			1,115,080		
November	133,949			1,249,029		
December	130,879			1,379,908		

See footnote(s) at end of table.

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Dairy Products Production by Product and Month – United States: 2016 and 2017

[Blank data cells indicate estimation period has not yet begun]

Product and month	By month			Cumulative		
	2016	2017	Change from 2016	2016	2017	Change from 2016
	(1,000 gallons)	(1,000 gallons)	(percent)	(1,000 gallons)	(1,000 gallons)	(percent)
Ice cream, regular hard						
January	57,066	56,628	-0.8	57,066	56,628	-0.8
February	60,423			117,489		
March	71,024			188,513		
April	71,328			259,841		
May	71,903			331,744		
June	76,135			407,879		
July	69,600			477,479		
August	70,965			548,444		
September	62,326			610,770		
October	59,783			670,553		
November	52,324			722,877		
December	50,626			773,503		
Ice cream, lowfat total						
January	25,723	29,494	14.7	25,723	29,494	14.7
February	31,137			56,860		
March	40,926			97,786		
April	39,789			137,575		
May	40,290			177,865		
June	42,259			220,124		
July	41,608			261,732		
August	44,432			306,164		
September	34,645			340,809		
October	31,422			372,231		
November	27,649			399,880		
December	25,838			425,718		
Sherbet, hard						
January	2,461	3,135	27.4	2,461	3,135	27.4
February	3,200			5,661		
March	3,726			9,387		
April	3,567			12,954		
May	3,484			16,438		
June	3,597			20,035		
July	3,229			23,264		
August	3,120			26,384		
September	3,229			29,613		
October	2,517			32,130		
November	1,959			34,089		
December	2,132			36,221		

See footnote(s) at end of table.

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Dairy Products Production by Product and Month – United States: 2016 and 2017

[Blank data cells indicate estimation period has not yet begun]

Product and month	By month			Cumulative		
	2016	2017	Change from 2016	2016	2017	Change from 2016
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
Yogurt, plain and flavored						
January	394,767	375,392	-4.9	394,767	375,392	-4.9
February	396,799			791,566		
March	421,450			1,213,016		
April	392,006			1,605,022		
May	380,186			1,985,208		
June	397,126			2,382,334		
July	361,949			2,744,283		
August	419,109			3,163,392		
September	436,390			3,599,782		
October	381,021			3,980,803		
November	327,942			4,308,745		
December	359,707			4,668,452		
	(1,000 gallons)	(1,000 gallons)	(percent)	(1,000 gallons)	(1,000 gallons)	(percent)
Frozen yogurt, total						
January	4,125	4,236	2.7	4,125	4,236	2.7
February	5,377			9,502		
March	6,079			15,581		
April	6,281			21,862		
May	5,755			27,617		
June	6,320			33,937		
July	6,004			39,941		
August	5,926			45,867		
September	5,213			51,080		
October	5,167			56,247		
November	4,627			60,874		
December	4,005			64,879		

¹ Includes Cheddar, Colby, Monterey, and Jack.

² Includes protein standardized and blends.

³ Excludes all modified dry whey products.

**Total Cheese Production Excluding Cottage Cheese – States and United States:
January 2016 and 2017**

State	January 2016	December 2016	January 2017	Change from	
				January 2016	December 2016
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	205,856	216,976	210,964	2.5	-2.8
Idaho	80,111	81,746	82,439	2.9	0.8
Illinois	5,546	7,156	5,307	-4.3	-25.8
Iowa	22,878	20,105	23,596	3.1	17.4
Minnesota	57,443	57,654	57,218	-0.4	-0.8
New Jersey	5,078	5,515	4,180	-17.7	-24.2
New Mexico	65,368	68,165	67,436	3.2	-1.1
New York	69,100	71,865	77,137	11.6	7.3
Ohio	18,208	19,815	17,788	-2.3	-10.2
Pennsylvania	33,482	34,476	35,814	7.0	3.9
South Dakota	23,198	25,253	20,932	-9.8	-17.1
Vermont	11,041	12,157	12,022	8.9	-1.1
Wisconsin	263,271	273,097	268,214	1.9	-1.8
Other States ¹	142,698	158,881	156,963	10.0	-1.2
United States	1,003,278	1,052,861	1,040,010	3.7	-1.2
Atlantic	125,576	131,464	136,605	8.8	3.9
Central	449,478	472,836	461,984	2.8	-2.3
West	428,224	448,561	441,421	3.1	-1.6

¹ States not shown when fewer than 3 plants reported or individual plant operations could be disclosed.

American Cheese Production – States and United States: January 2016 and 2017

State	January 2016	December 2016	January 2017	Change from	
				January 2016	December 2016
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	55,889	57,363	54,077	-3.2	-5.7
Idaho	51,843	50,852	51,365	-0.9	1.0
Iowa	12,935	14,327	16,053	24.1	12.0
New York	11,340	11,408	11,260	-0.7	-1.3
Oregon	17,585	16,830	16,916	-3.8	0.5
Pennsylvania	56	70	52	-7.1	-25.7
Wisconsin	81,527	80,966	79,200	-2.9	-2.2
Other States ¹	169,814	185,996	183,964	8.3	-1.1
United States	400,989	417,812	412,887	3.0	-1.2
Atlantic	25,153	26,329	26,705	6.2	1.4
Central	190,105	203,537	200,696	5.6	-1.4
West	185,731	187,946	185,486	-0.1	-1.3

¹ States not shown when fewer than 3 plants reported or individual plant operations could be disclosed.

Cheddar Cheese Production – States and United States: January 2016 and 2017

State	January 2016	December 2016	January 2017	Change from	
				January 2016	December 2016
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	32,139	33,596	32,248	0.3	-4.0
Idaho	41,959	40,639	41,319	-1.5	1.7
Iowa	7,209	9,056	10,727	48.8	18.5
Minnesota	44,208	45,116	44,886	1.5	-0.5
Vermont	7,835	8,735	8,474	8.2	-3.0
Wisconsin	57,299	56,458	55,200	-3.7	-2.2
Other States ¹	105,843	111,376	113,901	7.6	2.3
United States	296,492	304,976	306,755	3.5	0.6
Atlantic	24,327	25,327	25,636	5.4	1.2
Central	136,797	142,078	143,176	4.7	0.8
West	135,368	137,571	137,943	1.9	0.3

¹ States not shown when fewer than 3 plants reported or individual plant operations could be disclosed.

Total Italian Cheese Production – States and United States: January 2016 and 2017

State	January 2016	December 2016	January 2017	Change from	
				January 2016	December 2016
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	132,876	141,865	137,956	3.8	-2.8
Idaho	22,552	24,897	24,772	9.8	-0.5
New York	29,907	30,961	32,040	7.1	3.5
Pennsylvania	21,425	21,229	22,405	4.6	5.5
Wisconsin	132,209	141,902	138,114	4.5	-2.7
Other States ¹	96,207	98,014	96,603	0.4	-1.4
United States	435,176	458,868	451,890	3.8	-1.5
Atlantic	56,038	57,488	58,532	4.5	1.8
Central	176,950	182,183	178,400	0.8	-2.1
West	202,188	219,197	214,958	6.3	-1.9

¹ States not shown when fewer than 3 plants reported or individual plant operations could be disclosed.

Mozzarella Cheese Production – States and United States: January 2016 and 2017

State	January 2016	December 2016	January 2017	Change from	
				January 2016	December 2016
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	119,630	130,477	125,110	4.6	-4.1
Idaho	20,932	23,189	23,260	11.1	0.3
New York	16,353	16,753	17,765	8.6	6.0
Pennsylvania	18,250	18,303	19,595	7.4	7.1
Wisconsin	89,995	92,671	90,700	0.8	-2.1
Other States ¹	71,705	76,957	75,758	5.7	-1.6
United States	336,865	358,350	352,188	4.5	-1.7
Atlantic	36,412	37,120	39,210	7.7	5.6
Central	114,981	116,794	113,694	-1.1	-2.7
West	185,472	204,436	199,284	7.4	-2.5

¹ States not shown when fewer than 3 plants reported or individual plant operations could be disclosed.

Butter Production – States and United States: January 2016 and 2017

State	January 2016	December 2016	January 2017	Change from	
				January 2016	December 2016
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	52,775	50,429	51,552	-2.3	2.2
New York	2,984	2,814	3,229	8.2	14.7
Pennsylvania	8,985	9,189	9,430	5.0	2.6
Other States ¹	110,910	101,364	113,550	2.4	12.0
United States	175,654	163,796	177,761	1.2	8.5
Atlantic	20,165	18,022	22,093	9.6	22.6
Central	68,964	66,631	75,337	9.2	13.1
West	86,525	79,143	80,331	-7.2	1.5

¹ States not shown when fewer than 3 plants reported or individual plant operations could be disclosed.

Nonfat Dry Milk (Human) Production – States and United States: January 2016 and 2017

State	January 2016	December 2016	January 2017	Change from	
				January 2016	December 2016
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	46,948	53,415	53,490	13.9	0.1
Pennsylvania	15,111	15,513	14,925	-1.2	-3.8
Other States ¹	74,987	86,052	86,624	15.5	0.7
United States	137,046	154,980	155,039	13.1	0.0
Atlantic	29,339	28,217	30,151	2.8	6.9
Central	25,513	32,215	28,766	12.8	-10.7
West	82,194	94,548	96,122	16.9	1.7

¹ States not shown when fewer than 3 plants reported or individual plant operations could be disclosed.

Dry Whey (Human) Production – States and United States: January 2016 and 2017

State	January 2016	December 2016	January 2017	Change from	
				January 2016	December 2016
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
New York	12,224	11,653	12,699	3.9	9.0
Wisconsin	25,959	27,493	27,458	5.8	-0.1
Other States ¹	42,267	37,587	39,650	-6.2	5.5
United States	80,450	76,733	79,807	-0.8	4.0
Atlantic	21,306	20,584	22,312	4.7	8.4
Central	37,449	39,345	39,242	4.8	-0.3
West	21,695	16,804	18,253	-15.9	8.6

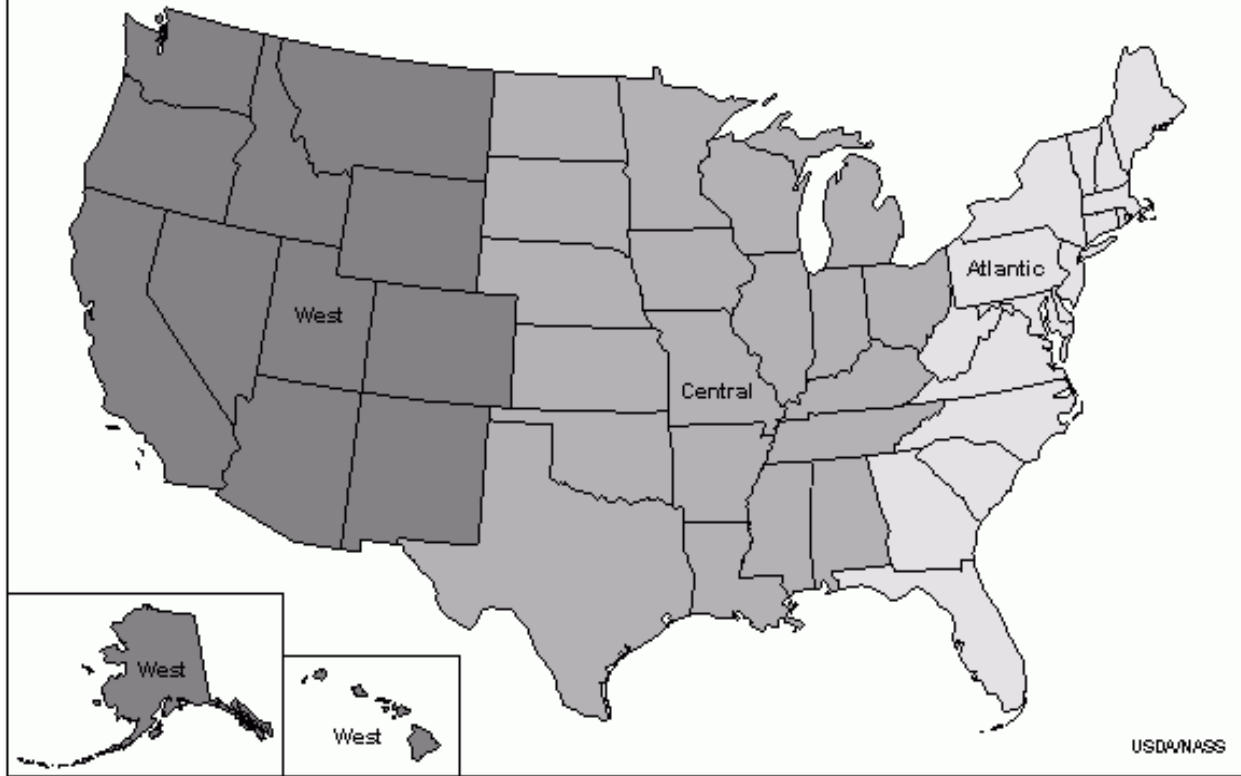
¹ States not shown when fewer than 3 plants reported or individual plant operations could be disclosed.

Ice Cream, Regular (Hard) Production – States and United States: January 2016 and 2017

State	January 2016	December 2016	January 2017	Change from	
				January 2016	December 2016
	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(percent)	(percent)
California	8,380	6,219	9,475	13.1	52.4
Connecticut	1,007	705	898	-10.8	27.4
Missouri	2,062	699	2,119	2.8	203.1
Ohio	1,331	1,600	1,768	32.8	10.5
Oregon	844	981	838	-0.7	-14.6
Pennsylvania	2,940	3,839	2,898	-1.4	-24.5
Wisconsin	1,361	986	1,335	-1.9	35.4
Other States ¹	39,141	35,597	37,297	-4.7	4.8
United States	57,066	50,626	56,628	-0.8	11.9
Atlantic	11,662	12,537	13,065	12.0	4.2
Central	31,932	27,001	29,280	-8.3	8.4
West	13,472	11,088	14,283	6.0	28.8

¹ States not shown when fewer than 3 plants reported or individual plant operations could be disclosed.

Dairy Products Regions



Statistical Methodology

Data Collection Period: Dairy products estimates are based upon survey data collected after the close of each month. Production data are provided by the firms producing dairy products.

Sampling frames and sample size: In 2015, there were 1,267 manufacturers that produced one or more dairy products. In states with small numbers of plants, reports are received from all plants each month. In states with large numbers of plants, survey procedures are designed to obtain monthly reports from all large plants and from a sample of small plants. In some states, the State Departments of Agriculture assist in collection of data, which eliminates duplicate reporting and reduces respondent burden.

Modes of data collection: Data are collected by mail, personal and telephone interviews, facsimile, and via electronic mail.

Terms and definitions: Firms complete the questionnaire using standard industry definitions and through the aid of instructions and definitions provided on the questionnaire.

Reliability: Data for the Dairy Products report are collected by a Census of all known manufacturers of dairy products in the United States. Firms producing large quantities of dairy products, along with a sample of smaller firms, are contacted monthly to collect previous month production data. Those small firms not contacted monthly are contacted after the close of the year to obtain previous year production. Production of products at small firms not contacted monthly are estimated during the monthly survey based upon check data, and state and national trends. Small firms are defined as those that do not make up a significant portion of the published total. Plants storing nonfat dry milk and dry whey are required under Federal law as defined in Public Laws 106-532 and 107-171 to complete the Dairy Products report. Plants storing these items are contacted monthly. Additionally, many state governments have mandated that dairy plants in their state complete the Dairy Products report each month. Because the Dairy Products survey is a census, sampling error should not affect the final estimates, however non-sampling errors are possible.

Estimating Procedures: In the Regional Field Office (RFO), data reported by firms are reviewed for reasonableness and consistency by comparing with data reported in prior months and by data reported by other firms in the State. Each RFO summarizes data at the Individual State level. State estimates are submitted to the Agricultural Statistics Board (ASB) along with supporting comments where they are compared with surrounding states, their region, and national trends. During both RFO and ASB review, plants are sometimes contacted again for further verification of numbers reported. After ASB review, RFO data are summarized into a National level summary.

Revision Policy: Monthly estimates are subject to revision the month following the preliminary estimates. Annual estimates are published in late April in the *Dairy Products Yearly Summary* report which includes any revisions made to previous 2 years of estimates. Revisions are generally due to plant data that are received too late to be included in the current report.

Information Contacts

Listed below are the commodity specialists in the Livestock Branch of the National Agricultural Statistics Service to contact for additional information. E-mail inquiries may be sent to nass@nass.usda.gov.

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- Both national and state specific reports are available via a free e-mail subscription. To set-up this free subscription, visit www.nass.usda.gov and click on “National” or “State” in upper right corner above “search” box to create an account and select the reports you would like to receive.

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