



# 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
<b>Cheese</b>					
American types <sup>1</sup> .....	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
<b>Total cheese</b> .....	<b>1,003,278</b>	<b>1,052,861</b>	<b>1,040,010</b>	<b>3.7</b>	<b>-1.2</b>
Cottage cheese, curd <sup>2</sup> .....	31,375	31,322	30,778	-1.9	-1.7
Cottage cheese, cream <sup>3</sup> .....	23,777	25,766	23,809	0.1	-7.6
Cottage cheese, lowfat <sup>4</sup> .....	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)
<b>Frozen products</b>					
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
<b>Mix for frozen products</b>					
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

<sup>1</sup> Includes Cheddar, Colby, Monterey, and Jack.

<sup>2</sup> Mostly used for processing into cream or lowfat cottage cheese.

<sup>3</sup> Fat content 4 percent or more.

<sup>4</sup> 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 <sup>1</sup>					
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 <sup>2</sup> .....	38,858	38,747	39,720	2.2	2.5
Animal <sup>2</sup> .....	193	307	328	69.9	6.8
Total <sup>2</sup> .....	39,051	39,054	40,048	2.6	2.5
25.0-49.9 percent <sup>3</sup> .....	15,045	14,511	14,981	-0.4	3.2
50.0-89.9 percent <sup>3</sup> .....	24,006	24,543	25,067	4.4	2.1
Whey protein isolates <sup>4</sup> .....	8,792	10,988	9,914	12.8	-9.8
Lactose, human and animal .....	84,602	93,210	92,178	9.0	-1.1
<b>Manufacturers' stocks end of month <sup>5</sup></b>					
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 <sup>6</sup> .....	7,351	6,345	6,092	-17.1	-4.0
Whey protein concentrate					
Human <sup>2</sup> .....	64,059	55,846	55,372	-13.6	-0.8
Animal <sup>2</sup> .....	1,290	640	1,490	15.5	132.8
Total <sup>2</sup> .....	65,349	56,486	56,862	-13.0	0.7
25.0-49.9 percent <sup>3</sup> .....	28,173	19,192	19,347	-31.3	0.8
50.0-89.9 percent <sup>3</sup> .....	37,176	37,294	37,515	0.9	0.6
Whey protein isolates <sup>4</sup> .....	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)
<b>Manufacturers' selling price <sup>7</sup></b>					
Dry whey, animal .....	15.2	17.0	10.1	-5.1	-6.9

<sup>1</sup> 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.

<sup>2</sup> Whey protein concentrate, 25.0 to 89.9 percent.

<sup>3</sup> Whey protein concentrate, human and animal.

<sup>4</sup> Whey protein isolate, 90.0 percent or greater.

<sup>5</sup> Stocks held by manufacturers at all points and in transit.

<sup>6</sup> Reduced lactose and minerals stocks combined to avoid disclosure of individual operations.

<sup>7</sup> 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)
<b>Production</b>					
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 <sup>1</sup> .....	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 <sup>2</sup> .....	51,243	54,726	50,540	-1.4	-7.6
<b>Manufacturers' stocks end-of-month <sup>3</sup></b>					
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
<b>Manufacturers' shipments <sup>4</sup></b>					
Dry milk products					
Nonfat dry milk, human .....	112,723	138,346	149,035	32.2	7.7

- Represents zero.

<sup>1</sup> Dry milk protein concentrate, 40-89.9 percent.

<sup>2</sup> Includes protein standardized and blends.

<sup>3</sup> Stocks held by manufacturers at all points and in transit.

<sup>4</sup> 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)
<b>Total cheese</b>						
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		
<b>Total American cheese types <sup>1</sup></b>						
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		
<b>Cheddar cheese</b>						
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)
<b>Total Italian cheese types</b>						
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		
<b>Mozzarella</b>						
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		
<b>Other Italian cheese types</b>						
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)
<b>Butter</b>						
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		
<b>Nonfat dry milk, human</b>						
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		
<b>Skim milk powders <sup>2</sup></b>						
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 <sup>3</sup>						
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)
<b>Cottage cheese, cream</b>						
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		
<b>Cottage cheese, lowfat</b>						
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		
<b>Sour cream</b>						
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)
<b>Ice cream, regular hard</b>						
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		
<b>Ice cream, lowfat total</b>						
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		
<b>Sherbet, hard</b>						
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		

<sup>1</sup> Includes Cheddar, Colby, Monterey, and Jack.

<sup>2</sup> Includes protein standardized and blends.

<sup>3</sup> 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 <sup>1</sup> .....	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

<sup>1</sup> 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 <sup>1</sup> .....	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

<sup>1</sup> 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 <sup>1</sup> .....	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

<sup>1</sup> 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 <sup>1</sup> .....	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

<sup>1</sup> 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 <sup>1</sup> .....	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

<sup>1</sup> 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 <sup>1</sup> .....	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

<sup>1</sup> 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 <sup>1</sup> .....	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

<sup>1</sup> 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 <sup>1</sup> .....	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

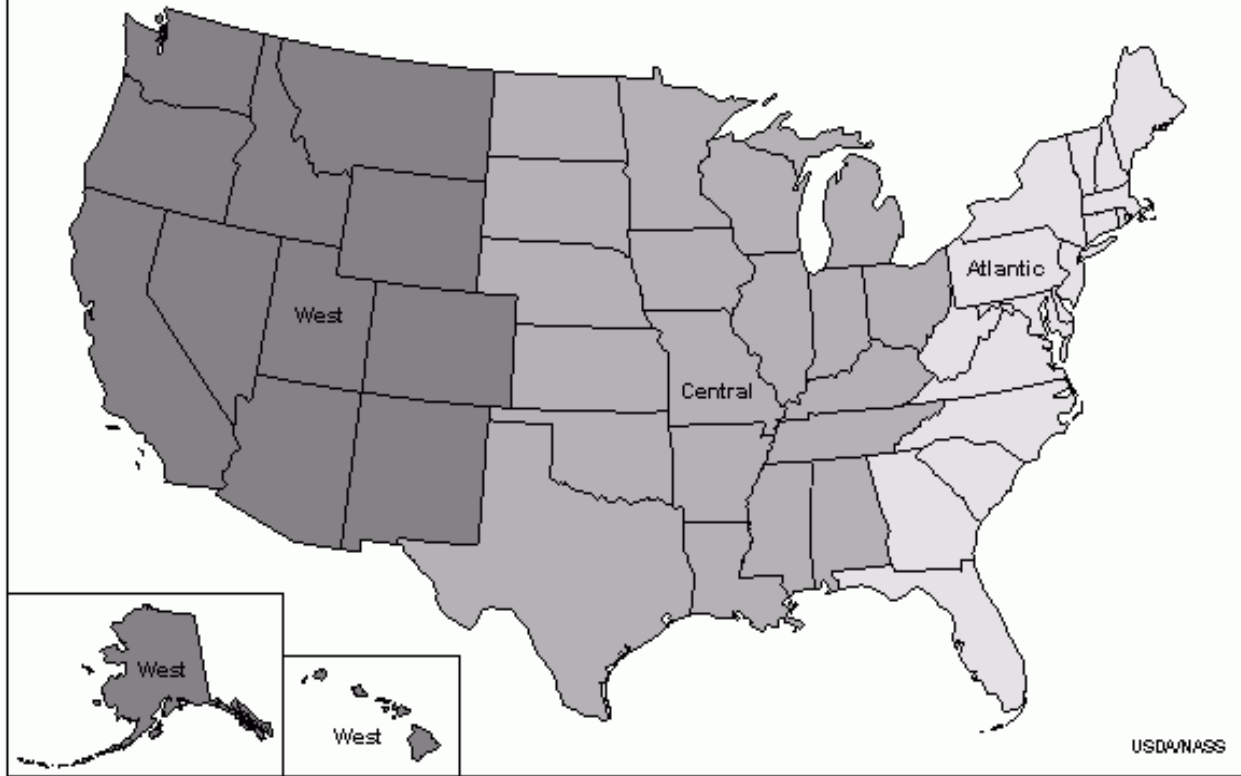
<sup>1</sup> States not shown when fewer than 3 plants reported or individual plant operations could be disclosed.

### 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 <sup>1</sup> .....	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

<sup>1</sup> 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](mailto:nass@nass.usda.gov).

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Mike Miller – Milk Production and Milk Cows .....	(202) 720-3278
Seth Riggins – Hogs and Pigs .....	(202) 720-3106

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