



# Dairy Products

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## January 2018 Highlights

**Total cheese** output (excluding cottage cheese) was 1.08 billion pounds, 3.4 percent above January 2017 but 1.0 percent below December 2017.

**Italian type cheese** production totaled 470 million pounds, 3.4 percent above January 2017 and 0.5 percent above December 2017.

**American type cheese** production totaled 429 million pounds, 2.7 percent above January 2017 but 1.0 percent below December 2017.

**Butter** production was 185 million pounds, 4.3 percent above January 2017 and 9.0 percent above December 2017.

### **Dry milk products** (comparisons in percentage with January 2017)

Nonfat dry milk, human - 162 million pounds, up 5.4 percent.

Skim milk powder - 45.8 million pounds, down 17.2 percent.

### **Whey products** (comparisons in percentage with January 2017)

Dry whey, total - 89.3 million pounds, up 8.5 percent.

Lactose, human and animal - 94.1 million pounds, up 1.5 percent.

Whey protein concentrate, total - 44.3 million pounds, up 10.4 percent.

### **Frozen products** (comparisons in percentage with January 2017)

Ice cream, regular (hard) - 56.6 million gallons, down 0.9 percent.

Ice cream, lowfat (total) - 30.5 million gallons, up 5.6 percent.

Sherbet (hard) - 2.93 million gallons, down 3.2 percent.

Frozen yogurt (total) - 4.76 million gallons, down 1.2 percent.

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## Dairy Products Production by Product – United States: January 2017 and 2018

Product	January 2017	December 2017	January 2018	Change from	
				January 2017	December 2017
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
Butter .....	177,818	170,188	185,460	4.3	9.0
<b>Cheese</b>					
American types <sup>1</sup> .....	417,584	433,111	428,880	2.7	-1.0
Cheddar .....	311,603	317,143	312,430	0.3	-1.5
Other American types .....	105,981	115,968	116,450	9.9	0.4
Blue and Gorgonzola .....	7,623	7,006	7,324	-3.9	4.5
Brick and Muenster .....	15,075	14,635	15,771	4.6	7.8
Cream and Neufchatel .....	77,995	86,653	80,288	2.9	-7.3
Feta .....	8,810	9,381	8,701	-1.2	-7.2
Gouda .....	3,724	5,619	5,245	40.8	-6.7
Hispanic .....	21,261	23,149	22,764	7.1	-1.7
Italian types .....	454,006	467,277	469,648	3.4	0.5
Mozzarella .....	352,375	363,476	363,132	3.1	-0.1
Parmesan .....	38,428	37,712	40,506	5.4	7.4
Provolone .....	31,290	31,703	32,122	2.7	1.3
Ricotta .....	20,801	22,983	23,598	13.4	2.7
Romano .....	4,775	5,407	4,823	1.0	-10.8
Other Italian types .....	6,337	5,996	5,467	-13.7	-8.8
Swiss .....	25,935	28,564	27,878	7.5	-2.4
All other types .....	12,970	16,279	14,387	10.9	-11.6
<b>Total cheese</b> <sup>2</sup> .....	<b>1,044,983</b>	<b>1,091,674</b>	<b>1,080,886</b>	<b>3.4</b>	<b>-1.0</b>
Cottage cheese, curd <sup>3</sup> .....	30,438	28,879	30,304	-0.4	4.9
Cottage cheese, cream <sup>4</sup> .....	23,743	26,038	25,356	6.8	-2.6
Cottage cheese, lowfat <sup>5</sup> .....	26,988	25,339	26,945	-0.2	6.3
Sour cream .....	111,173	121,355	116,594	4.9	-3.9
Yogurt, plain and flavored .....	374,817	355,854	368,653	-1.6	3.6
	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(percent)	(percent)
<b>Frozen products</b>					
Ice cream, regular, hard .....	57,108	49,480	56,572	-0.9	14.3
Ice cream, lowfat, hard .....	13,397	12,633	14,847	10.8	17.5
Ice cream, lowfat, soft .....	15,538	13,303	15,694	1.0	18.0
Ice cream, lowfat, total .....	28,935	25,936	30,541	5.6	17.8
Ice cream, nonfat, hard .....	540	681	740	37.0	8.7
Sherbet, hard .....	3,024	2,210	2,928	-3.2	32.5
Frozen yogurt, total .....	4,817	4,235	4,758	-1.2	12.3
Regular and lowfat, hard .....	1,993	1,195	1,989	-0.2	66.4
Nonfat, hard .....	417	340	362	-13.2	6.5
Other frozen dairy products .....	879	1,541	1,955	122.4	26.9
Water and juice ices .....	3,930	3,076	4,166	6.0	35.4
<b>Mix for frozen products</b>					
Ice cream, regular, mix .....	33,606	26,940	32,851	-2.2	21.9
Ice cream, lowfat, mix .....	16,355	14,615	17,212	5.2	17.8
Ice cream, nonfat, mix .....	527	432	532	0.9	23.1
Sherbet mix .....	1,978	1,442	1,800	-9.0	24.8
Yogurt mix .....	2,717	2,310	2,430	-10.6	5.2

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

<sup>2</sup> Excludes Cottage Cheese.

<sup>3</sup> Mostly used for processing into cream or lowfat cottage cheese.

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

<sup>5</sup> Fat content less than 4 percent.

**Whey and Modified Whey Products Production, Stocks, and Prices – United States:  
January 2017 and 2018**

Product	January 2017	December 2017	January 2018	Change from	
				January 2017	December 2017
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
Condensed whey, solids content <sup>1</sup>					
Sweet-type, human .....	8,854	6,228	6,459	-27.0	3.7
Dry whey products					
Dry whey, human .....	79,907	81,896	87,148	9.1	6.4
Dry whey, animal .....	2,409	1,606	2,191	-9.0	36.4
Dry whey, total .....	82,316	83,502	89,339	8.5	7.0
Reduced lactose and minerals					
Human .....	3,680	1,629	1,895	-48.5	16.3
Animal .....	2,935	2,864	2,708	-7.7	-5.4
Whey protein concentrate					
Human <sup>2</sup> .....	39,834	41,974	43,781	9.9	4.3
Animal <sup>2</sup> .....	327	701	537	64.2	-23.4
Total <sup>2</sup> .....	40,161	42,675	44,318	10.4	3.9
25.0-49.9 percent <sup>3</sup> .....	14,995	15,345	16,680	11.2	8.7
50.0-89.9 percent <sup>3</sup> .....	25,166	27,330	27,638	9.8	1.1
Whey protein isolates <sup>4</sup> .....	10,019	9,631	9,561	-4.6	-0.7
Lactose, human and animal .....	92,658	96,863	94,085	1.5	-2.9
<b>Manufacturers' stocks end of month <sup>5</sup></b>					
Dry whey products					
Dry whey, human .....	66,938	97,442	86,070	28.6	-11.7
Dry whey, animal .....	813	1,654	1,083	33.2	-34.5
Dry whey, total .....	67,751	99,096	87,153	28.6	-12.1
Reduced Lactose and minerals					
Human and animal <sup>6</sup> .....	6,340	5,067	4,614	-27.2	-8.9
Whey protein concentrate					
Human <sup>2</sup> .....	58,280	83,635	84,069	44.3	0.5
Animal <sup>2</sup> .....	1,395	899	909	-34.8	1.1
Total <sup>2</sup> .....	59,675	84,534	84,978	42.4	0.5
25.0-49.9 percent <sup>3</sup> .....	21,756	24,830	25,136	15.5	1.2
50.0-89.9 percent <sup>3</sup> .....	37,919	59,704	59,842	57.8	0.2
Whey protein isolates <sup>4</sup> .....	23,809	27,562	27,197	14.2	-1.3
Lactose, human and animal .....	110,797	135,175	129,277	16.7	-4.4
	(cents per pound)	(cents per pound)	(cents per pound)	(cents change)	(cents change)
<b>Manufacturers' selling price <sup>7</sup></b>					
Dry whey, animal .....	10.1	15.7	16.3	6.2	0.6

<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 2017 and 2018**

Product	January 2017	December 2017	January 2018	Change from	
				January 2017	December 2017
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
<b>Production</b>					
Bulk condensed milk					
Skim, unsweetened .....	141,015	105,194	134,072	-4.9	27.5
Dry milk products					
Dry buttermilk, total .....	11,788	11,184	13,090	11.0	17.0
Dry skim milk, animal .....	743	904	816	9.8	-9.7
Dry whole milk .....	11,903	11,324	10,081	-15.3	-11.0
Milk protein concentrate, total <sup>1</sup> .....	17,299	15,431	18,117	4.7	17.4
Nonfat dry milk, human .....	153,374	163,672	161,706	5.4	-1.2
Skim milk powder, total <sup>2</sup> .....	55,264	49,895	45,753	-17.2	-8.3
<b>Manufacturers' stocks end-of-month</b> <sup>3</sup>					
Dry milk products					
Dry buttermilk, total .....	22,272	23,674	25,072	12.6	5.9
Dry skim milk, animal .....	1,864	1,743	2,406	29.1	38.0
Dry whole milk .....	18,034	31,007	34,137	89.3	10.1
Nonfat dry milk, human .....	226,786	320,091	340,196	50.0	6.3
<b>Manufacturers' shipments</b> <sup>4</sup>					
Dry milk products					
Nonfat dry milk, human .....	146,788	129,654	131,652	-10.3	1.5

<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: 2017 and 2018

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

Product and month	By month			Cumulative		
	2017	2018	Change from 2017	2017	2018	Change from 2017
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
<b>Total cheese <sup>1</sup></b>						
January .....	1,044,983	1,080,886	3.4	1,044,983	1,080,886	3.4
February .....	942,361			1,987,344		
March .....	1,061,402			3,048,746		
April .....	1,042,783			4,091,529		
May .....	1,055,063			5,146,592		
June .....	1,029,638			6,176,230		
July .....	1,034,596			7,210,826		
August .....	1,028,400			8,239,226		
September .....	1,013,341			9,252,567		
October .....	1,076,849			10,329,416		
November .....	1,056,834			11,386,250		
December .....	1,091,674			12,477,924		
<b>Total American cheese types <sup>2</sup></b>						
January .....	417,584	428,880	2.7	417,584	428,880	2.7
February .....	373,688			791,272		
March .....	415,940			1,207,212		
April .....	423,774			1,630,986		
May .....	426,550			2,057,536		
June .....	403,258			2,460,794		
July .....	400,509			2,861,303		
August .....	398,766			3,260,069		
September .....	393,892			3,653,961		
October .....	418,155			4,072,116		
November .....	402,864			4,474,980		
December .....	433,111			4,908,091		
<b>Cheddar cheese</b>						
January .....	311,603	312,430	0.3	311,603	312,430	0.3
February .....	275,988			587,591		
March .....	309,569			897,160		
April .....	318,867			1,216,027		
May .....	311,990			1,528,017		
June .....	287,357			1,815,374		
July .....	285,133			2,100,507		
August .....	283,813			2,384,320		
September .....	282,002			2,666,322		
October .....	294,992			2,961,314		
November .....	286,466			3,247,780		
December .....	317,143			3,564,923		

See footnote(s) at end of table.

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## Dairy Products Production by Product and Month – United States: 2017 and 2018 (continued)

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

Product and month	By month			Cumulative		
	2017	2018	Change from 2017	2017	2018	Change from 2017
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
<b>Total Italian cheese types</b>						
January .....	454,006	469,648	3.4	454,006	469,648	3.4
February .....	406,570			860,576		
March .....	469,197			1,329,773		
April .....	447,658			1,777,431		
May .....	452,567			2,229,998		
June .....	449,930			2,679,928		
July .....	451,732			3,131,660		
August .....	436,258			3,567,918		
September .....	433,570			4,001,488		
October .....	457,367			4,458,855		
November .....	455,794			4,914,649		
December .....	467,277			5,381,926		
<b>Mozzarella</b>						
January .....	352,375	363,132	3.1	352,375	363,132	3.1
February .....	314,758			667,133		
March .....	361,564			1,028,697		
April .....	347,614			1,376,311		
May .....	350,712			1,727,023		
June .....	349,793			2,076,816		
July .....	352,474			2,429,290		
August .....	335,818			2,765,108		
September .....	333,695			3,098,803		
October .....	349,517			3,448,320		
November .....	351,504			3,799,824		
December .....	363,476			4,163,300		
<b>Other Italian cheese types</b>						
January .....	6,337	5,467	-13.7	6,337	5,467	-13.7
February .....	6,293			12,630		
March .....	7,498			20,128		
April .....	6,544			26,672		
May .....	6,553			33,225		
June .....	6,953			40,178		
July .....	6,093			46,271		
August .....	5,719			51,990		
September .....	6,625			58,615		
October .....	6,176			64,791		
November .....	7,242			72,033		
December .....	5,996			78,029		

See footnote(s) at end of table.

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## Dairy Products Production by Product and Month – United States: 2017 and 2018 (continued)

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

Product and month	By month			Cumulative		
	2017	2018	Change from 2017	2017	2018	Change from 2017
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
<b>Butter</b>						
January .....	177,818	185,460	4.3	177,818	185,460	4.3
February .....	161,052			338,870		
March .....	176,067			514,937		
April .....	162,519			677,456		
May .....	163,524			840,980		
June .....	140,157			981,137		
July .....	135,834			1,116,971		
August .....	131,188			1,248,159		
September .....	134,357			1,382,516		
October .....	143,382			1,525,898		
November .....	147,425			1,673,323		
December .....	170,188			1,843,511		
<b>Nonfat dry milk, human</b>						
January .....	153,374	161,706	5.4	153,374	161,706	5.4
February .....	141,402			294,776		
March .....	159,742			454,518		
April .....	171,889			626,407		
May .....	168,325			794,732		
June .....	163,344			958,076		
July .....	148,073			1,106,149		
August .....	135,479			1,241,628		
September .....	133,485			1,375,113		
October .....	144,659			1,519,772		
November .....	142,352			1,662,124		
December .....	163,672			1,825,796		
<b>Skim milk powder, total <sup>3</sup></b>						
January .....	55,264	45,753	-17.2	55,264	45,753	-17.2
February .....	40,031			95,295		
March .....	52,693			147,988		
April .....	50,206			198,194		
May .....	51,012			249,206		
June .....	39,997			289,203		
July .....	51,788			340,991		
August .....	45,793			386,784		
September .....	29,793			416,577		
October .....	25,612			442,189		
November .....	41,887			484,076		
December .....	49,895			533,971		

See footnote(s) at end of table.

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## Dairy Products Production by Product and Month – United States: 2017 and 2018 (continued)

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

Product and month	By month			Cumulative		
	2017	2018	Change from 2017	2017	2018	Change from 2017
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
<b>Dry whey, total <sup>4</sup></b>						
January .....	82,316	89,339	8.5	82,316	89,339	8.5
February .....	77,997			160,313		
March .....	86,689			247,002		
April .....	84,615			331,617		
May .....	82,950			414,567		
June .....	88,064			502,631		
July .....	100,402			603,033		
August .....	94,277			697,310		
September .....	91,302			788,612		
October .....	80,728			869,340		
November .....	81,632			950,972		
December .....	83,502			1,034,474		
<b>Lactose, human and animal</b>						
January .....	92,658	94,085	1.5	92,658	94,085	1.5
February .....	84,794			177,452		
March .....	97,334			274,786		
April .....	95,901			370,687		
May .....	94,919			465,606		
June .....	97,069			562,675		
July .....	99,539			662,214		
August .....	97,226			759,440		
September .....	95,016			854,456		
October .....	93,260			947,716		
November .....	86,001			1,033,717		
December .....	96,863			1,130,580		
<b>Whey protein concentrate, total</b>						
January .....	40,161	44,318	10.4	40,161	44,318	10.4
February .....	36,064			76,225		
March .....	42,338			118,563		
April .....	42,890			161,453		
May .....	42,774			204,227		
June .....	40,751			244,978		
July .....	42,040			287,018		
August .....	38,106			325,124		
September .....	38,891			364,015		
October .....	41,059			405,074		
November .....	40,994			446,068		
December .....	42,675			488,743		

See footnote(s) at end of table.

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## Dairy Products Production by Product and Month – United States: 2017 and 2018 (continued)

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

Product and month	By month			Cumulative		
	2017	2018	Change from 2017	2017	2018	Change from 2017
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
<b>Cottage cheese, cream</b>						
January .....	23,743	25,356	6.8	23,743	25,356	6.8
February .....	26,208			49,951		
March .....	28,381			78,332		
April .....	25,568			103,900		
May .....	29,071			132,971		
June .....	27,754			160,725		
July .....	27,774			188,499		
August .....	30,295			218,794		
September .....	26,976			245,770		
October .....	28,867			274,637		
November .....	26,307			300,944		
December .....	26,038			326,982		
<b>Cottage cheese, lowfat</b>						
January .....	26,988	26,945	-0.2	26,988	26,945	-0.2
February .....	28,297			55,285		
March .....	30,809			86,094		
April .....	29,731			115,825		
May .....	31,324			147,149		
June .....	27,804			174,953		
July .....	28,068			203,021		
August .....	31,571			234,592		
September .....	27,553			262,145		
October .....	30,270			292,415		
November .....	26,391			318,806		
December .....	25,339			344,145		
<b>Sour cream</b>						
January .....	111,173	116,594	4.9	111,173	116,594	4.9
February .....	100,873			212,046		
March .....	115,459			327,505		
April .....	108,816			436,321		
May .....	118,460			554,781		
June .....	117,623			672,404		
July .....	107,802			780,206		
August .....	117,657			897,863		
September .....	108,089			1,005,952		
October .....	125,192			1,131,144		
November .....	128,704			1,259,848		
December .....	121,355			1,381,203		

See footnote(s) at end of table.

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## Dairy Products Production by Product and Month – United States: 2017 and 2018 (continued)

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

Product and month	By month			Cumulative		
	2017	2018	Change from 2017	2017	2018	Change from 2017
	(1,000 gallons)	(1,000 gallons)	(percent)	(1,000 gallons)	(1,000 gallons)	(percent)
<b>Ice cream, regular hard</b>						
January .....	57,108	56,572	-0.9	57,108	56,572	-0.9
February .....	58,971			116,079		
March .....	75,411			191,490		
April .....	69,572			261,062		
May .....	72,703			333,765		
June .....	75,426			409,191		
July .....	70,705			479,896		
August .....	73,477			553,373		
September .....	60,924			614,297		
October .....	58,215			672,512		
November .....	50,343			722,855		
December .....	49,480			772,335		
<b>Ice cream, lowfat total</b>						
January .....	28,935	30,541	5.6	28,935	30,541	5.6
February .....	34,035			62,970		
March .....	41,263			104,233		
April .....	39,010			143,243		
May .....	43,609			186,852		
June .....	44,929			231,781		
July .....	42,299			274,080		
August .....	43,250			317,330		
September .....	32,551			349,881		
October .....	32,603			382,484		
November .....	26,486			408,970		
December .....	25,936			434,906		
<b>Sherbet, hard</b>						
January .....	3,024	2,928	-3.2	3,024	2,928	-3.2
February .....	2,710			5,734		
March .....	3,530			9,264		
April .....	3,463			12,727		
May .....	3,290			16,017		
June .....	3,582			19,599		
July .....	2,978			22,577		
August .....	3,483			26,060		
September .....	3,192			29,252		
October .....	2,675			31,927		
November .....	2,777			34,704		
December .....	2,210			36,914		

See footnote(s) at end of table.

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## Dairy Products Production by Product and Month – United States: 2017 and 2018 (continued)

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

Product and month	By month			Cumulative		
	2017	2018	Change from 2017	2017	2018	Change from 2017
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
Yogurt, plain and flavored						
January .....	374,817	368,653	-1.6	374,817	368,653	-1.6
February .....	363,051			737,868		
March .....	399,565			1,137,433		
April .....	368,594			1,506,027		
May .....	374,375			1,880,402		
June .....	369,950			2,250,352		
July .....	342,213			2,592,565		
August .....	388,659			2,981,224		
September .....	386,285			3,367,509		
October .....	359,744			3,727,253		
November .....	310,270			4,037,523		
December .....	355,854			4,393,377		
	(1,000 gallons)	(1,000 gallons)	(percent)	(1,000 gallons)	(1,000 gallons)	(percent)
Frozen yogurt, total						
January .....	4,817	4,758	-1.2	4,817	4,758	-1.2
February .....	5,124			9,941		
March .....	7,459			17,400		
April .....	6,820			24,220		
May .....	6,056			30,276		
June .....	6,057			36,333		
July .....	5,475			41,808		
August .....	5,503			47,311		
September .....	4,899			52,210		
October .....	4,559			56,769		
November .....	4,289			61,058		
December .....	4,235			65,293		

<sup>1</sup> Excludes Cottage Cheese.

<sup>2</sup> Includes Cheddar, Colby, Monterey, and Jack.

<sup>3</sup> Includes protein standardized and blends.

<sup>4</sup> Excludes all modified dry whey products.

**Total Cheese Production Excluding Cottage Cheese – States and United States:  
January 2017 and 2018**

State	January 2017	December 2017	January 2018	Change from	
				January 2017	December 2017
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California .....	210,969	217,423	216,647	2.7	-0.4
Idaho .....	82,439	84,748	85,091	3.2	0.4
Illinois .....	5,307	7,272	5,533	4.3	-23.9
Iowa .....	23,688	21,179	22,597	-4.6	6.7
Minnesota .....	57,218	62,858	60,820	6.3	-3.2
New Jersey .....	4,082	5,363	4,936	20.9	-8.0
New Mexico .....	67,436	66,689	68,201	1.1	2.3
Ohio .....	17,788	20,109	21,063	18.4	4.7
Pennsylvania .....	35,803	34,993	36,974	3.3	5.7
South Dakota .....	20,925	25,666	25,658	22.6	-
Vermont .....	12,256	12,614	12,277	0.2	-2.7
Wisconsin .....	276,195	289,844	283,924	2.8	-2.0
Other States <sup>1</sup> .....	230,877	242,916	237,165	2.7	-2.4
United States .....	1,044,983	1,091,674	1,080,886	3.4	-1.0
Atlantic .....	133,557	139,047	137,292	2.8	-1.3
Central .....	469,990	497,864	489,542	4.2	-1.7
West .....	441,436	454,763	454,052	2.9	-0.2

- Represents zero.

<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 2017 and 2018

State	January 2017	December 2017	January 2018	Change from	
				January 2017	December 2017
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California .....	54,077	56,105	53,666	-0.8	-4.3
Idaho .....	51,365	53,175	55,350	7.8	4.1
Iowa .....	16,428	12,033	13,331	-18.9	10.8
Oregon .....	16,916	17,725	17,468	3.3	-1.4
Pennsylvania .....	54	165	62	14.8	-62.4
Wisconsin .....	83,522	89,186	86,000	3.0	-3.6
Other States <sup>1</sup> .....	195,222	204,722	203,003	4.0	-0.8
United States .....	417,584	433,111	428,880	2.7	-1.0
Atlantic .....	26,705	27,757	27,075	1.4	-2.5
Central .....	205,383	216,741	211,698	3.1	-2.3
West .....	185,496	188,613	190,107	2.5	0.8

<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 2017 and 2018

State	January 2017	December 2017	January 2018	Change from	
				January 2017	December 2017
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California .....	32,248	31,682	31,058	-3.7	-2.0
Idaho .....	41,319	43,517	43,896	6.2	0.9
Iowa .....	11,268	6,418	7,937	-29.6	23.7
Minnesota .....	44,886	50,100	50,060	11.5	-0.1
Vermont .....	8,473	8,960	8,754	3.3	-2.3
Wisconsin .....	59,499	62,884	60,100	1.0	-4.4
Other States <sup>1</sup> .....	113,910	113,582	110,625	-2.9	-2.6
United States .....	311,603	317,143	312,430	0.3	-1.5
Atlantic .....	25,635	26,748	26,124	1.9	-2.3
Central .....	148,015	155,637	151,946	2.7	-2.4
West .....	137,953	134,758	134,360	-2.6	-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 2017 and 2018

State	January 2017	December 2017	January 2018	Change from	
				January 2017	December 2017
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California .....	137,953	137,440	142,319	3.2	3.5
Idaho .....	24,772	25,914	23,336	-5.8	-9.9
Pennsylvania .....	22,388	21,058	22,577	0.8	7.2
Wisconsin .....	140,913	147,168	143,814	2.1	-2.3
Other States <sup>1</sup> .....	127,980	135,697	137,602	7.5	1.4
United States .....	454,006	467,277	469,648	3.4	0.5
Atlantic .....	57,852	60,302	60,020	3.7	-0.5
Central .....	181,199	189,849	189,391	4.5	-0.2
West .....	214,955	217,126	220,237	2.5	1.4

<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 2017 and 2018

State	January 2017	December 2017	January 2018	Change from	
				January 2017	December 2017
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California .....	125,107	125,944	127,839	2.2	1.5
Idaho .....	23,260	24,218	22,452	-3.5	-7.3
Pennsylvania .....	19,592	18,143	19,603	0.1	8.0
Wisconsin .....	91,765	96,535	93,100	1.5	-3.6
Other States <sup>1</sup> .....	92,651	98,636	100,138	8.1	1.5
United States .....	352,375	363,476	363,132	3.1	-0.1
Atlantic .....	38,335	39,363	38,941	1.6	-1.1
Central .....	114,759	121,675	120,456	5.0	-1.0
West .....	199,281	202,438	203,735	2.2	0.6

<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 2017 and 2018

State	January 2017	December 2017	January 2018	Change from	
				January 2017	December 2017
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California .....	51,552	50,282	53,869	4.5	7.1
Pennsylvania .....	9,388	8,862	8,860	-5.6	-
Other States <sup>1</sup> .....	116,878	111,044	122,731	5.0	10.5
United States .....	177,818	170,188	185,460	4.3	9.0
Atlantic .....	22,049	18,290	22,960	4.1	25.5
Central .....	75,438	70,360	75,721	0.4	7.6
West .....	80,331	81,538	86,779	8.0	6.4

- Represents zero.

<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 2017 and 2018

State	January 2017	December 2017	January 2018	Change from	
				January 2017	December 2017
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California .....	53,490	55,900	57,858	8.2	3.5
Pennsylvania .....	15,929	15,864	16,260	2.1	2.5
Other States <sup>1</sup> .....	83,955	91,908	87,588	4.3	-4.7
United States .....	153,374	163,672	161,706	5.4	-1.2
Atlantic .....	29,011	30,484	28,118	-3.1	-7.8
Central .....	28,241	31,288	31,198	10.5	-0.3
West .....	96,122	101,900	102,390	6.5	0.5

<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 2017 and 2018

State	January 2017	December 2017	January 2018	Change from	
				January 2017	December 2017
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
Wisconsin .....	27,703	28,188	29,519	6.6	4.7
Other States <sup>1</sup> .....	52,204	53,708	57,629	10.4	7.3
United States .....	79,907	81,896	87,148	9.1	6.4
Atlantic .....	22,312	20,652	20,521	-8.0	-0.6
Central .....	39,342	40,305	42,059	6.9	4.4
West .....	18,253	20,939	24,568	34.6	17.3

<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 2017 and 2018

State	January 2017	December 2017	January 2018	Change from	
				January 2017	December 2017
	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(percent)	(percent)
California .....	9,478	5,131	5,901	-37.7	15.0
Connecticut .....	886	735	900	1.6	22.4
Missouri .....	2,119	1,394	4,315	103.6	209.5
Ohio .....	1,768	1,720	2,038	15.3	18.5
Oregon .....	838	957	894	6.7	-6.6
Pennsylvania .....	2,893	3,803	2,881	-0.4	-24.2
Wisconsin .....	1,355	761	898	-33.7	18.0
Other States <sup>1</sup> .....	37,771	34,979	38,745	2.6	10.8
United States .....	57,108	49,480	56,572	-0.9	14.3
Atlantic .....	13,219	11,873	12,395	-6.2	4.4
Central .....	29,548	28,312	32,935	11.5	16.3
West .....	14,341	9,295	11,242	-21.6	20.9

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

## Dairy Products Regions



**West:** Alaska, Arizona, California, Colorado, Hawaii, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, Wyoming.

**Central:** Alabama, Arkansas, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Michigan, Minnesota, Mississippi, Missouri, Nebraska, North Dakota, Ohio, Oklahoma, South Dakota, Tennessee, Texas, Wisconsin

**Atlantic:** Connecticut, Delaware, Florida, Georgia, Maine, Maryland, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, North Carolina, Rhode Island, South Carolina, Vermont, Virginia, West Virginia.

## 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 2016, there were 1,272 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).

Travis Averill, Chief, Livestock Branch .....	(202) 720-3570
Scott Hollis, Head, Livestock Section .....	(202) 690-2424
Sherry Bertramsen – Livestock Slaughter .....	(202) 720-3240
Donnie Fike – Dairy Products .....	(202) 690-3236
Heidi Gleich – Cattle, Cattle on Feed .....	(202) 720-3040
Mike Miller – Milk Production and Milk Cows .....	(202) 720-3278
Seth Riggins – Hogs and Pigs .....	(202) 720-3106
Vacant – Sheep and Goats .....	(202) 720-0585

## Access to NASS Reports

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

- All reports are available electronically, at no cost, on the NASS web site: [www.nass.usda.gov](http://www.nass.usda.gov)
- Both national and state specific reports are available via a free e-mail subscription. To set-up this free subscription, visit [www.nass.usda.gov](http://www.nass.usda.gov) and click on “National” or “State” in upper right corner above “search” box to create an account and select the reports you would like to receive.

For more information on NASS surveys and reports, call the NASS Agricultural Statistics Hotline at (800) 727-9540, 7:30 a.m. to 4:00 p.m. ET, or e-mail: [nass@nass.usda.gov](mailto:nass@nass.usda.gov).

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**USDA NASS Data Users' Meeting**  
**Tuesday, April 24, 2018**

University of Chicago – Gleacher Center  
450 North Cityfront Plaza Drive  
Chicago, Illinois 60611  
312-464-8787

USDA's National Agricultural Statistics Service will hold an open forum for users of U.S. domestic and international agriculture data. NASS is organizing the 2018 Data Users' Meeting in cooperation with five other USDA agencies – Agricultural Marketing Service, Economic Research Service, Farm Service Agency, Foreign Agricultural Service, and World Agricultural Outlook Board – and the Census Bureau's Foreign Trade Division. Agency representatives will provide updates on recent and pending changes in statistical and information programs important to agriculture, answer questions, and welcome comments and input from data users.

For registration details or additional information about the Data Users' Meeting, see the meeting page on the NASS website ([https://www.nass.usda.gov/Education\\_and\\_Outreach/Meeting/index.php](https://www.nass.usda.gov/Education_and_Outreach/Meeting/index.php)). Contact Tina Hall (NASS) at 202-720-3896 or [tina.hall@nass.usda.gov](mailto:tina.hall@nass.usda.gov) or Patricia Snipe (NASS) at 202-720-2248 or [patricia.snipe@nass.usda.gov](mailto:patricia.snipe@nass.usda.gov) for information.

The Data Users' Meeting precedes the Industry Outlook Conference at the same location on Wednesday, April 25, 2018. The outlook meeting brings together analysts from various commodity sectors to discuss developments and trends. For registration details or additional information about the Industry Outlook Conference, see the conference page on the LMIC website (<http://lmic.info/page/meetings>) or contact James Robb at 303-716-9933.