



Dairy Products

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January 2016 Highlights

Total cheese output (excluding cottage cheese) was 1.00 billion pounds, 2.6 percent above January 2015 but 2.6 percent below December 2015.

Italian type cheese production totaled 435 million pounds, 2.2 percent above January 2015 but 5.4 percent below December 2015.

American type cheese production totaled 400 million pounds, 0.9 percent above January 2015 and 0.3 percent above December 2015.

Butter production was 176 million pounds, 2.1 percent below January 2015 but 1.6 percent above December 2015.

Dry milk powders (comparisons with January 2015)

Nonfat dry milk, human - 136 million pounds, down 17.4 percent.

Skim milk powders - 51.2 million pounds, up 17.3 percent.

Whey products (comparisons with January 2015)

Dry whey, total - 83.0 million pounds, up 9.8 percent.

Lactose, human and animal - 85.1 million pounds, down 5.5 percent.

Whey protein concentrate, total - 38.8 million pounds, down 17.7 percent.

Frozen products (comparisons with January 2015)

Ice cream, regular (hard) - 57.0 million gallons, up 2.7 percent.

Ice cream, lowfat (total) - 25.8 million gallons, down 10.4 percent.

Sherbet (hard) - 2.43 million gallons, down 19.0 percent.

Frozen yogurt (total) - 4.13 million gallons, down 5.0 percent.

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Dairy Products Production by Product – United States: January 2015 and 2016

Product	January 2015	December 2015	January 2016	Change from	
				January 2015	December 2015
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
Butter	179,583	172,925	175,740	-2.1	1.6
Cheese					
American types ¹	396,697	399,088	400,378	0.9	0.3
Cheddar	291,813	291,705	295,902	1.4	1.4
Other American types	104,884	107,383	104,476	-0.4	-2.7
Blue and Gorgonzola	7,438	8,000	6,788	-8.7	-15.2
Brick and Muenster	15,495	13,872	15,065	-2.8	8.6
Cream and Neufchatel	61,735	74,159	70,257	13.8	-5.3
Feta	8,957	8,540	11,955	33.5	40.0
Gouda	4,681	4,469	4,210	-10.1	-5.8
Hispanic	19,960	21,172	19,516	-2.2	-7.8
Italian types	425,473	459,717	434,779	2.2	-5.4
Mozzarella	335,677	358,998	336,570	0.3	-6.2
Parmesan	28,824	31,545	34,016	18.0	7.8
Provolone	30,170	32,617	32,941	9.2	1.0
Ricotta	20,196	24,677	21,447	6.2	-13.1
Romano	4,665	5,406	3,596	-22.9	-33.5
Other Italian types	5,941	6,474	6,209	4.5	-4.1
Swiss	24,385	27,823	27,514	12.8	-1.1
All other types	12,618	13,250	12,691	0.6	-4.2
Total cheese	977,439	1,030,090	1,003,153	2.6	-2.6
Cottage cheese, curd ²	26,524	32,947	31,623	19.2	-4.0
Cottage cheese, cream ³	21,275	26,132	24,235	13.9	-7.3
Cottage cheese, lowfat ⁴	28,940	29,635	28,806	-0.5	-2.8
Sour cream	106,097	119,537	103,308	-2.6	-13.6
Yogurt, plain and flavored	376,810	367,753	390,385	3.6	6.2
	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(percent)	(percent)
Frozen products					
Ice cream, regular, hard	55,556	55,902	57,032	2.7	2.0
Ice cream, lowfat, hard	15,998	12,738	14,441	-9.7	13.4
Ice cream, lowfat, soft	12,774	12,045	11,327	-11.3	-6.0
Ice cream, lowfat, total	28,772	24,783	25,768	-10.4	4.0
Ice cream, nonfat, hard	644	363	481	-25.3	32.5
Sherbet, hard	3,001	2,153	2,431	-19.0	12.9
Frozen yogurt, total	4,344	3,675	4,125	-5.0	12.2
Regular and lowfat, hard	2,030	1,559	1,778	-12.4	14.0
Nonfat, hard	1,303	693	1,369	5.1	97.5
Other frozen dairy products	958	554	900	-6.1	62.5
Water and juice ices	4,025	2,988	4,127	2.5	38.1
Mix for frozen products					
Ice cream, regular, mix	32,992	29,678	32,687	-0.9	10.1
Ice cream, lowfat, mix	16,069	13,917	14,383	-10.5	3.3
Ice cream, nonfat, mix	568	438	464	-18.3	5.9
Sherbet mix	1,950	1,331	1,651	-15.3	24.0
Yogurt mix	2,633	2,207	2,527	-4.0	14.5

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 2015 and 2016**

Product	January 2015	December 2015	January 2016	Change from	
				January 2015	December 2015
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
Condensed whey, solids content ¹					
Sweet-type, human	7,264	10,932	11,373	56.6	4.0
Dry whey products					
Dry whey, human	74,680	92,589	80,122	7.3	-13.5
Dry whey, animal	900	1,789	2,847	216.3	59.1
Dry whey, total	75,580	94,378	82,969	9.8	-12.1
Reduced lactose and minerals					
Human	3,135	2,824	3,000	-4.3	6.2
Animal	4,693	2,646	2,976	-36.6	12.5
Whey protein concentrate					
Human ²	46,806	40,671	38,604	-17.5	-5.1
Animal ²	328	236	193	-41.2	-18.2
Total ²	47,134	40,907	38,797	-17.7	-5.2
25.0-49.9 percent ³	23,916	16,476	15,045	-37.1	-8.7
50.0-89.9 percent ³	23,218	24,431	23,752	2.3	-2.8
Whey protein isolates ⁴	6,432	8,738	8,909	38.5	2.0
Lactose, human and animal	90,075	87,810	85,128	-5.5	-3.1
Manufacturers' stocks end of month ⁵					
Dry whey products					
Dry whey, human	62,114	70,526	81,537	31.3	15.6
Dry whey, animal	834	2,152	1,902	128.1	-11.6
Dry whey, total	62,948	72,678	83,439	32.6	14.8
Reduced Lactose and minerals					
Human and animal ⁶	10,292	6,785	7,351	-28.6	8.3
Whey protein concentrate					
Human ²	65,505	67,948	63,865	-2.5	-6.0
Animal ²	1,035	821	1,290	24.6	57.1
Total ²	66,540	68,769	65,155	-2.1	-5.3
25.0-49.9 percent ³	31,965	26,690	28,128	-12.0	5.4
50.0-89.9 percent ³	34,575	42,079	37,027	7.1	-12.0
Whey protein isolates ⁴	11,844	16,480	16,693	40.9	1.3
Lactose, human and animal	131,028	104,792	117,279	-10.5	11.9
	(cents per pound)	(cents per pound)	(cents per pound)	(cents change)	(cents change)
Manufacturers' selling price ⁷					
Dry whey, animal	47.4	13.4	15.2	-32.2	1.9

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 2015 and 2016**

Product	January 2015	December 2015	January 2016	Change from	
				January 2015	December 2015
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
Production					
Bulk condensed milk					
Skim, unsweetened	127,454	133,982	141,594	11.1	5.7
Dry milk products					
Dry buttermilk, total	10,297	11,507	11,412	10.8	-0.8
Dry skim milk, animal	851	1,026	670	-21.3	-34.7
Dry whole milk	6,206	9,665	9,947	60.3	2.9
Milk protein concentrate, total ¹	13,928	11,863	14,879	6.8	25.4
Nonfat dry milk, human	164,897	150,732	136,150	-17.4	-9.7
Skim milk powder, total ²	43,670	43,472	51,243	17.3	17.9
Manufacturers' stocks end-of-month ³					
Dry milk products					
Dry buttermilk, total	24,792	17,056	21,304	-14.1	24.9
Dry skim milk, animal	2,173	1,722	1,477	-32.0	-14.2
Dry whole milk	22,813	11,370	13,065	-42.7	14.9
Nonfat dry milk, human	240,429	204,289	226,642	-5.7	10.9
Manufacturers' shipments ⁴					
Dry milk products					
Nonfat dry milk, human	160,370	132,941	112,818	-29.7	-15.1

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: 2015 and 2016

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

Product and month	By month			Cumulative		
	2015	2016	Change from 2015	2015	2016	Change from 2015
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
Total cheese						
January	977,439	1,003,153	2.6	977,439	1,003,153	2.6
February	887,343			1,864,782		
March	996,187			2,860,969		
April	969,811			3,830,780		
May	989,236			4,820,016		
June	963,959			5,783,975		
July	991,007			6,774,982		
August	978,598			7,753,580		
September	954,632			8,708,212		
October	997,431			9,705,643		
November	993,965			10,699,608		
December	1,030,090			11,729,698		
Total American cheese types ¹						
January	396,697	400,378	0.9	396,697	400,378	0.9
February	351,116			747,813		
March	390,309			1,138,122		
April	391,112			1,529,234		
May	401,209			1,930,443		
June	384,022			2,314,465		
July	392,331			2,706,796		
August	390,758			3,097,554		
September	375,835			3,473,389		
October	391,378			3,864,767		
November	377,584			4,242,351		
December	399,088			4,641,439		
Cheddar cheese						
January	291,813	295,902	1.4	291,813	295,902	1.4
February	256,285			548,098		
March	281,825			829,923		
April	282,338			1,112,261		
May	291,158			1,403,419		
June	282,419			1,685,838		
July	282,375			1,968,213		
August	275,276			2,243,489		
September	267,879			2,511,368		
October	279,577			2,790,945		
November	266,630			3,057,575		
December	291,705			3,349,280		

See footnote(s) at end of table.

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Dairy Products Production by Product and Month – United States: 2015 and 2016

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

Product and month	By month			Cumulative		
	2015	2016	Change from 2015	2015	2016	Change from 2015
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
Total Italian cheese types						
January	425,473	434,779	2.2	425,473	434,779	2.2
February	394,340			819,813		
March	436,632			1,256,445		
April	417,230			1,673,675		
May	425,769			2,099,444		
June	417,683			2,517,127		
July	425,228			2,942,355		
August	410,252			3,352,607		
September	399,137			3,751,744		
October	420,032			4,171,776		
November	438,119			4,609,895		
December	459,717			5,069,612		
Mozzarella						
January	335,677	336,570	0.3	335,677	336,570	0.3
February	310,077			645,754		
March	339,697			985,451		
April	327,220			1,312,671		
May	340,007			1,652,678		
June	327,511			1,980,189		
July	334,560			2,314,749		
August	323,112			2,637,861		
September	313,353			2,951,214		
October	323,836			3,275,050		
November	346,442			3,621,492		
December	358,998			3,980,490		
Other Italian cheese types						
January	5,941	6,209	4.5	5,941	6,209	4.5
February	6,255			12,196		
March	7,547			19,743		
April	7,075			26,818		
May	6,623			33,441		
June	6,381			39,822		
July	5,770			45,592		
August	6,085			51,677		
September	5,703			57,380		
October	6,723			64,103		
November	6,284			70,387		
December	6,474			76,861		

See footnote(s) at end of table.

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Dairy Products Production by Product and Month – United States: 2015 and 2016

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

Product and month	By month			Cumulative		
	2015	2016	Change from 2015	2015	2016	Change from 2015
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
Butter						
January	179,583	175,740	-2.1	179,583	175,740	-2.1
February	156,253			335,836		
March	164,319			500,155		
April	164,201			664,356		
May	169,840			834,196		
June	142,132			976,328		
July	133,312			1,109,640		
August	128,505			1,238,145		
September	134,858			1,373,003		
October	147,548			1,520,551		
November	151,313			1,671,864		
December	172,925			1,844,789		
Nonfat dry milk, human						
January	164,897	136,150	-17.4	164,897	136,150	-17.4
February	150,832			315,729		
March	180,004			495,733		
April	181,869			677,602		
May	180,265			857,867		
June	165,078			1,022,945		
July	155,625			1,178,570		
August	124,240			1,302,810		
September	119,695			1,422,505		
October	118,179			1,540,684		
November	125,496			1,666,180		
December	150,732			1,816,912		
Skim milk powders ²						
January	43,670	51,243	17.3	43,670	51,243	17.3
February	32,442			76,112		
March	39,442			115,554		
April	34,531			150,085		
May	35,538			185,623		
June	34,676			220,299		
July	34,177			254,476		
August	39,288			293,764		
September	26,837			320,601		
October	39,723			360,324		
November	44,940			405,264		
December	43,472			448,736		

See footnote(s) at end of table.

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Dairy Products Production by Product and Month – United States: 2015 and 2016

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

Product and month	By month			Cumulative		
	2015	2016	Change from 2015	2015	2016	Change from 2015
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
Dry whey, total ³						
January	75,580	82,969	9.8	75,580	82,969	9.8
February	77,913			153,493		
March	86,459			239,952		
April	76,535			316,487		
May	80,622			397,109		
June	85,108			482,217		
July	80,716			562,933		
August	83,982			646,915		
September	78,720			725,635		
October	75,619			801,254		
November	84,709			885,963		
December	94,378			980,341		
Lactose, human and animal						
January	90,075	85,128	-5.5	90,075	85,128	-5.5
February	80,347			170,422		
March	93,936			264,358		
April	88,389			352,747		
May	89,530			442,277		
June	91,155			533,432		
July	90,569			624,001		
August	89,099			713,100		
September	85,245			798,345		
October	84,378			882,723		
November	84,003			966,726		
December	87,810			1,054,536		
Whey protein concentrate, total						
January	47,134	38,797	-17.7	47,134	38,797	-17.7
February	38,872			86,006		
March	42,024			128,030		
April	41,849			169,879		
May	44,202			214,081		
June	38,454			252,535		
July	41,594			294,129		
August	39,871			334,000		
September	37,275			371,275		
October	41,046			412,321		
November	41,112			453,433		
December	40,907			494,340		

See footnote(s) at end of table.

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Dairy Products Production by Product and Month – United States: 2015 and 2016

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

Product and month	By month			Cumulative		
	2015	2016	Change from 2015	2015	2016	Change from 2015
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
Cottage cheese, cream						
January	21,275	24,235	13.9	21,275	24,235	13.9
February	23,498			44,773		
March	26,877			71,650		
April	25,962			97,612		
May	26,281			123,893		
June	27,111			151,004		
July	28,968			179,972		
August	27,787			207,759		
September	27,374			235,133		
October	26,728			261,861		
November	23,835			285,696		
December	26,132			311,828		
Cottage cheese, lowfat						
January	28,940	28,806	-0.5	28,940	28,806	-0.5
February	28,626			57,566		
March	32,248			89,814		
April	30,053			119,867		
May	30,035			149,902		
June	32,180			182,082		
July	31,828			213,910		
August	31,541			245,451		
September	32,128			277,579		
October	29,273			306,852		
November	26,363			333,215		
December	29,635			362,850		
Sour cream						
January	106,097	103,308	-2.6	106,097	103,308	-2.6
February	94,132			200,229		
March	110,663			310,892		
April	104,204			415,096		
May	105,009			520,105		
June	111,514			631,619		
July	106,373			737,992		
August	108,192			846,184		
September	106,936			953,120		
October	119,599			1,072,719		
November	124,590			1,197,309		
December	119,537			1,316,846		

See footnote(s) at end of table.

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Dairy Products Production by Product and Month – United States: 2015 and 2016

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

Product and month	By month			Cumulative		
	2015	2016	Change from 2015	2015	2016	Change from 2015
	(1,000 gallons)	(1,000 gallons)	(percent)	(1,000 gallons)	(1,000 gallons)	(percent)
Ice cream, regular hard						
January	55,556	57,032	2.7	55,556	57,032	2.7
February	58,665			114,221		
March	70,749			184,970		
April	67,835			252,805		
May	64,029			316,834		
June	70,520			387,354		
July	70,368			457,722		
August	68,350			526,072		
September	63,115			589,187		
October	61,510			650,697		
November	54,176			704,873		
December	55,902			760,775		
Ice cream, lowfat total						
January	28,772	25,768	-10.4	28,772	25,768	-10.4
February	31,537			60,309		
March	39,529			99,838		
April	41,209			141,047		
May	42,624			183,671		
June	47,337			231,008		
July	45,540			276,548		
August	40,934			317,482		
September	34,455			351,937		
October	29,801			381,738		
November	24,545			406,283		
December	24,783			431,066		
Sherbet, hard						
January	3,001	2,431	-19.0	3,001	2,431	-19.0
February	3,255			6,256		
March	3,792			10,048		
April	3,711			13,759		
May	3,745			17,504		
June	3,790			21,294		
July	3,765			25,059		
August	3,481			28,540		
September	3,417			31,957		
October	3,014			34,971		
November	2,531			37,502		
December	2,153			39,655		

See footnote(s) at end of table.

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Dairy Products Production by Product and Month – United States: 2015 and 2016

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

Product and month	By month			Cumulative		
	2015	2016	Change from 2015	2015	2016	Change from 2015
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
Yogurt, plain and flavored						
January	376,810	390,385	3.6	376,810	390,385	3.6
February	421,239			798,049		
March	437,096			1,235,145		
April	385,131			1,620,276		
May	398,562			2,018,838		
June	392,437			2,411,275		
July	388,835			2,800,110		
August	399,808			3,199,918		
September	445,672			3,645,590		
October	381,376			4,026,966		
November	347,438			4,374,404		
December	367,753			4,742,157		
	(1,000 gallons)	(1,000 gallons)	(percent)	(1,000 gallons)	(1,000 gallons)	(percent)
Frozen yogurt, total						
January	4,344	4,125	-5.0	4,344	4,125	-5.0
February	6,539			10,883		
March	6,149			17,032		
April	7,005			24,037		
May	5,807			29,844		
June	6,821			36,665		
July	6,258			42,923		
August	5,598			48,521		
September	4,950			53,471		
October	5,171			58,642		
November	4,118			62,760		
December	3,675			66,435		

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 2015 and 2016**

State	January 2015	December 2015	January 2016	Change from	
				January 2015	December 2015
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	209,677	216,325	205,816	-1.8	-4.9
Idaho	77,444	83,257	80,110	3.4	-3.8
Illinois	5,830	6,929	5,546	-4.9	-20.0
Iowa	22,934	20,055	22,878	-0.2	14.1
Minnesota	58,114	59,665	57,443	-1.2	-3.7
New Mexico	65,655	61,025	65,368	-0.4	7.1
New York	66,621	70,013	69,099	3.7	-1.3
Ohio	17,060	19,403	18,208	6.7	-6.2
Pennsylvania	33,468	34,666	33,486	0.1	-3.4
South Dakota	23,603	22,898	23,198	-1.7	1.3
Vermont	10,743	11,606	11,039	2.8	-4.9
Wisconsin	251,977	272,583	262,080	4.0	-3.9
Other States ¹	134,313	151,665	148,882	10.8	-1.8
United States	977,439	1,030,090	1,003,153	2.6	-2.6
Atlantic	117,524	128,510	125,639	6.9	-2.2
Central	436,242	463,605	448,151	2.7	-3.3
West	423,673	437,975	429,363	1.3	-2.0

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 2015 and 2016

State	January 2015	December 2015	January 2016	Change from	
				January 2015	December 2015
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	55,611	55,509	55,889	0.5	0.7
Idaho	52,571	49,846	51,843	-1.4	4.0
Iowa	13,128	11,950	12,935	-1.5	8.2
Oregon	17,241	17,688	17,585	2.0	-0.6
Wisconsin	77,333	79,634	80,900	4.6	1.6
Other States ¹	180,813	184,461	181,226	0.2	-1.8
United States	396,697	399,088	400,378	0.9	0.3
Atlantic	19,836	25,353	25,167	26.9	-0.7
Central	190,560	193,161	189,479	-0.6	-1.9
West	186,301	180,574	185,732	-0.3	2.9

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 2015 and 2016

State	January 2015	December 2015	January 2016	Change from	
				January 2015	December 2015
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	31,947	31,912	32,139	0.6	0.7
Idaho	42,302	40,210	41,959	-0.8	4.3
Iowa	8,114	7,357	7,209	-11.2	-2.0
Minnesota	46,973	45,280	44,208	-5.9	-2.4
Wisconsin	54,909	53,999	56,700	3.3	5.0
Other States ¹	107,568	112,947	113,687	5.7	0.7
United States	291,813	291,705	295,902	1.4	1.4
Atlantic	19,159	24,267	24,334	27.0	0.3
Central	140,042	135,063	136,199	-2.7	0.8
West	132,612	132,375	135,369	2.1	2.3

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 2015 and 2016

State	January 2015	December 2015	January 2016	Change from	
				January 2015	December 2015
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	135,913	143,727	132,836	-2.3	-7.6
Idaho	19,558	27,266	22,552	15.3	-17.3
New York	29,665	33,065	29,907	0.8	-9.6
Pennsylvania	20,891	21,838	21,425	2.6	-1.9
Wisconsin	126,319	139,687	131,804	4.3	-5.6
Other States ¹	93,127	94,134	96,255	3.4	2.3
United States	425,473	459,717	434,779	2.2	-5.4
Atlantic	55,138	59,943	56,086	1.7	-6.4
Central	168,151	183,094	176,545	5.0	-3.6
West	202,184	216,680	202,148	-	-6.7

- Represents zero.

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 2015 and 2016

State	January 2015	December 2015	January 2016	Change from	
				January 2015	December 2015
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	125,726	130,140	119,630	-4.8	-8.1
Idaho	18,610	25,757	20,932	12.5	-18.7
New York	16,806	17,081	16,353	-2.7	-4.3
Pennsylvania	17,687	18,917	18,250	3.2	-3.5
Wisconsin	85,671	96,439	89,700	4.7	-7.0
Other States ¹	71,177	70,664	71,705	0.7	1.5
United States	335,677	358,998	336,570	0.3	-6.2
Atlantic	36,340	37,934	36,412	0.2	-4.0
Central	109,870	121,135	114,686	4.4	-5.3
West	189,467	199,929	185,472	-2.1	-7.2

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

Butter Production – States and United States: January 2015 and 2016

State	January 2015	December 2015	January 2016	Change from	
				January 2015	December 2015
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	57,421	51,443	52,777	-8.1	2.6
Pennsylvania	9,715	8,907	9,170	-5.6	3.0
Other States ¹	112,447	112,575	113,793	1.2	1.1
United States	179,583	172,925	175,740	-2.1	1.6
Atlantic	20,893	18,523	20,249	-3.1	9.3
Central	74,677	68,020	68,964	-7.7	1.4
West	84,013	86,382	86,527	3.0	0.2

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 2015 and 2016

State	January 2015	December 2015	January 2016	Change from	
				January 2015	December 2015
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	63,823	53,053	46,948	-26.4	-11.5
Other States ¹	101,074	97,679	89,202	-11.7	-8.7
United States	164,897	150,732	136,150	-17.4	-9.7
Atlantic	29,435	30,416	29,443	0.0	-3.2
Central	26,216	29,128	25,513	-2.7	-12.4
West	109,246	91,188	81,194	-25.7	-11.0

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 2015 and 2016

State	January 2015	December 2015	January 2016	Change from	
				January 2015	December 2015
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
New York	12,760	12,604	12,224	-4.2	-3.0
Wisconsin	23,052	27,067	25,631	11.2	-5.3
Other States ¹	38,868	52,918	42,267	8.7	-20.1
United States	74,680	92,589	80,122	7.3	-13.5
Atlantic	22,472	21,866	21,306	-5.2	-2.6
Central	34,156	39,435	37,121	8.7	-5.9
West	18,052	31,288	21,695	20.2	-30.7

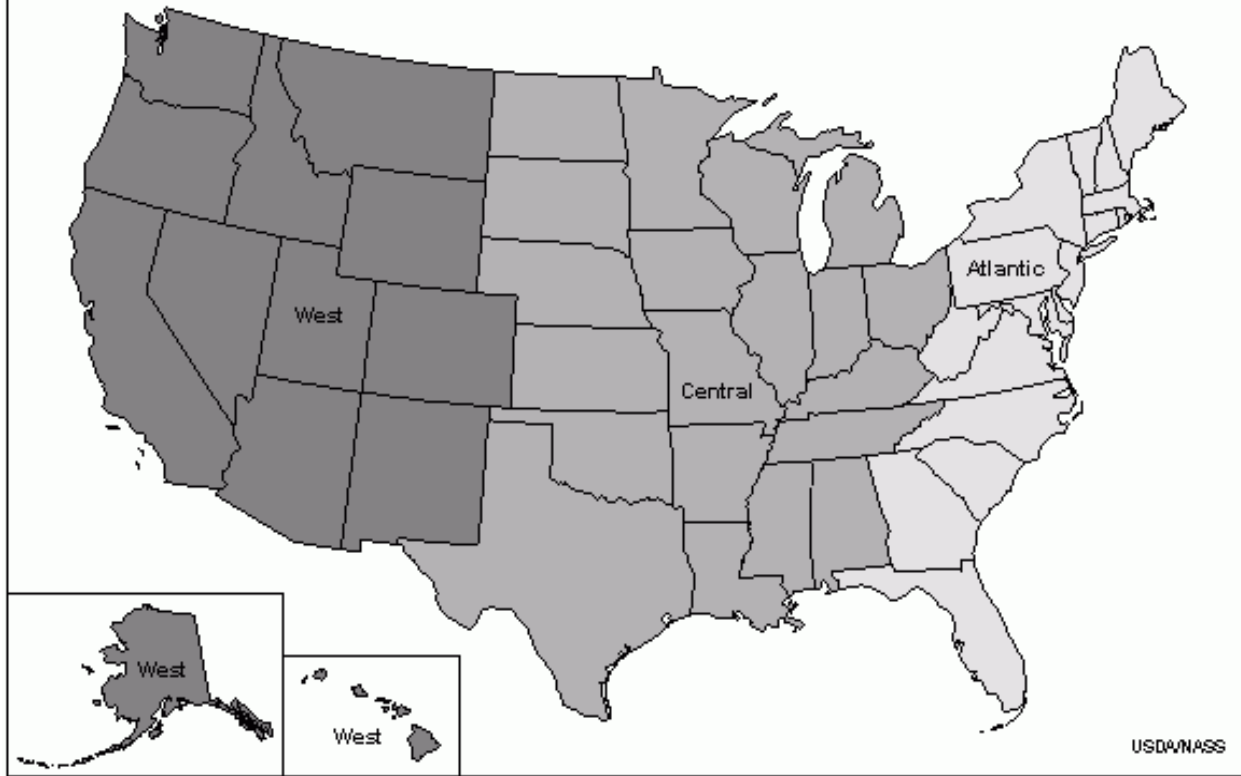
¹ States not shown when fewer than 3 plants reported or individual plant operations could be disclosed.

Ice Cream, Regular (Hard) Production – States and United States: January 2015 and 2016

State	January 2015	December 2015	January 2016	Change from	
				January 2015	December 2015
	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(percent)	(percent)
California	5,883	10,210	8,376	42.4	-18.0
Missouri	2,033	1,121	2,062	1.4	83.9
Ohio	1,645	1,772	1,331	-19.1	-24.9
Oregon	766	934	851	11.1	-8.9
Pennsylvania	3,232	3,551	3,123	-3.4	-12.1
Wisconsin	1,054	1,137	1,360	29.0	19.6
Other States ¹	40,943	37,177	39,929	-2.5	7.4
United States	55,556	55,902	57,032	2.7	2.0
Atlantic	12,175	12,825	11,807	-3.0	-7.9
Central	33,474	28,353	31,893	-4.7	12.5
West	9,907	14,724	13,332	34.6	-9.5

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 2014, 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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