



Dairy Products

ISSN: 1949-0399

Released April 5, 2016, by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, United States Department of Agriculture (USDA).

February 2016 Highlights

Total cheese output (excluding cottage cheese) was 956 million pounds, 7.8 percent above February 2015 but 4.7 percent below January 2016.

Italian type cheese production totaled 431 million pounds, 9.2 percent above February 2015 but 1.0 percent below January 2016.

American type cheese production totaled 368 million pounds, 4.9 percent above February 2015 but 8.2 percent below January 2016.

Butter production was 171 million pounds, 9.6 percent above February 2015 but 2.5 percent below January 2016.

Dry milk powders (comparisons with February 2015)

Nonfat dry milk, human - 145 million pounds, down 3.9 percent.

Skim milk powders - 39.9 million pounds, up 23.1 percent.

Whey products (comparisons with February 2015)

Dry whey, total - 74.6 million pounds, down 4.3 percent.

Lactose, human and animal - 82.7 million pounds, up 2.9 percent.

Whey protein concentrate, total - 36.9 million pounds, down 5.1 percent.

Frozen products (comparisons with February 2015)

Ice cream, regular (hard) - 60.1 million gallons, up 2.5 percent.

Ice cream, lowfat (total) - 29.6 million gallons, down 6.3 percent.

Sherbet (hard) - 3.15 million gallons, down 3.3 percent.

Frozen yogurt (total) - 6.40 million gallons, down 2.1 percent.

Contents

Dairy Products Production by Product – United States: February 2015 and 2016	3
Whey and Modified Whey Products Production, Stocks, and Prices – United States: February 2015 and 2016.....	4
Condensed and Dry Milk Products Production, Stocks, and Shipments – United States: February 2015 and 2016.....	5
Dairy Products Production by Product and Month – United States: 2015 and 2016	6
Total Cheese Production Excluding Cottage Cheese – States and United States: February 2015 and 2016	13
American Cheese Production – States and United States: February 2015 and 2016	14
Cheddar Cheese Production – States and United States: February 2015 and 2016	14
Total Italian Cheese Production – States and United States: February 2015 and 2016	15
Mozzarella Cheese Production – States and United States: February 2015 and 2016	15
Butter Production – States and United States: February 2015 and 2016	16
Nonfat Dry Milk (Human) Production – States and United States: February 2015 and 2016.....	16
Dry Whey (Human) Production – States and United States: February 2015 and 2016	17
Ice Cream, Regular (Hard) Production – States and United States: February 2015 and 2016.....	17
Dairy Products Regions.....	18
Statistical Methodology.....	19
Information Contacts.....	20

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

Product	February 2015	January 2016	February 2016	Change from	
				February 2015	January 2016
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
Butter	156,253	175,654	171,206	9.6	-2.5
Cheese					
American types ¹	351,116	400,989	368,157	4.9	-8.2
Cheddar	256,285	296,492	258,172	0.7	-12.9
Other American types	94,831	104,497	109,985	16.0	5.3
Blue and Gorgonzola	7,613	6,786	7,211	-5.3	6.3
Brick and Muenster	12,887	14,969	14,135	9.7	-5.6
Cream and Neufchatel	53,465	69,074	64,552	20.7	-6.5
Feta	8,355	11,962	8,835	5.7	-26.1
Gouda	6,269	4,169	4,650	-25.8	11.5
Hispanic	19,104	19,461	20,584	7.7	5.8
Italian types	394,340	435,176	430,687	9.2	-1.0
Mozzarella	310,077	336,865	341,222	10.0	1.3
Parmesan	27,647	34,107	30,468	10.2	-10.7
Provolone	28,179	33,011	29,433	4.5	-10.8
Ricotta	17,620	21,399	19,751	12.1	-7.7
Romano	4,562	3,677	3,976	-12.8	8.1
Other Italian types	6,255	6,117	5,837	-6.7	-4.6
Swiss	23,535	27,495	24,136	2.6	-12.2
All other types	10,659	13,197	13,219	24.0	0.2
Total cheese	887,343	1,003,278	956,166	7.8	-4.7
Cottage cheese, curd ²	29,639	31,375	31,755	7.1	1.2
Cottage cheese, cream ³	23,498	23,777	25,107	6.8	5.6
Cottage cheese, lowfat ⁴	28,626	28,610	29,297	2.3	2.4
Sour cream	94,132	102,931	100,760	7.0	-2.1
Yogurt, plain and flavored	421,239	394,767	434,358	3.1	10.0
	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(percent)	(percent)
Frozen products					
Ice cream, regular, hard	58,665	57,066	60,130	2.5	5.4
Ice cream, lowfat, hard	16,214	14,429	14,474	-10.7	0.3
Ice cream, lowfat, soft	15,323	11,294	15,079	-1.6	33.5
Ice cream, lowfat, total	31,537	25,723	29,553	-6.3	14.9
Ice cream, nonfat, hard	740	457	450	-39.2	-1.5
Sherbet, hard	3,255	2,461	3,146	-3.3	27.8
Frozen yogurt, total	6,539	4,125	6,402	-2.1	55.2
Regular and lowfat, hard	2,330	1,412	1,732	-25.7	22.7
Nonfat, hard	1,421	1,365	1,508	6.1	10.5
Other frozen dairy products	954	840	1,029	7.9	22.5
Water and juice ices	5,235	4,181	5,169	-1.3	23.6
Mix for frozen products					
Ice cream, regular, mix	34,675	32,846	33,472	-3.5	1.9
Ice cream, lowfat, mix	17,709	14,357	16,647	-6.0	16.0
Ice cream, nonfat, mix	644	467	487	-24.4	4.3
Sherbet mix	2,012	1,671	2,080	3.4	24.5
Yogurt mix	2,923	2,564	3,020	3.3	17.8

¹ Includes Cheddar, Colby, Monterey, and Jack.

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

³ Fat content 4 percent or more.

⁴ Fat content less than 4 percent.

**Whey and Modified Whey Products Production, Stocks, and Prices – United States:
February 2015 and 2016**

Product	February 2015	January 2016	February 2016	Change from	
				February 2015	January 2016
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
Condensed whey, solids content ¹					
Sweet-type, human	6,644	11,373	9,742	46.6	-14.3
Dry whey products					
Dry whey, human	76,529	80,450	72,627	-5.1	-9.7
Dry whey, animal	1,384	2,831	1,937	40.0	-31.6
Dry whey, total	77,913	83,281	74,564	-4.3	-10.5
Reduced lactose and minerals					
Human	2,365	3,000	2,336	-1.2	-22.1
Animal	3,111	2,976	2,653	-14.7	-10.9
Whey protein concentrate					
Human ²	38,513	38,858	36,696	-4.7	-5.6
Animal ²	359	193	202	-43.7	4.7
Total ²	38,872	39,051	36,898	-5.1	-5.5
25.0-49.9 percent ³	16,902	15,045	15,545	-8.0	3.3
50.0-89.9 percent ³	21,970	24,006	21,353	-2.8	-11.1
Whey protein isolates ⁴	7,123	8,792	8,007	12.4	-8.9
Lactose, human and animal	80,347	84,602	82,687	2.9	-2.3
Manufacturers' stocks end of month ⁵					
Dry whey products					
Dry whey, human	61,733	81,822	74,153	20.1	-9.4
Dry whey, animal	847	2,028	1,634	92.9	-19.4
Dry whey, total	62,580	83,850	75,787	21.1	-9.6
Reduced Lactose and minerals					
Human and animal ⁶	9,969	7,351	7,413	-25.6	0.8
Whey protein concentrate					
Human ²	64,586	64,059	64,515	-0.1	0.7
Animal ²	855	1,290	567	-33.7	-56.0
Total ²	65,441	65,349	65,082	-0.5	-0.4
25.0-49.9 percent ³	30,678	28,173	28,914	-5.8	2.6
50.0-89.9 percent ³	34,763	37,176	36,168	4.0	-2.7
Whey protein isolates ⁴	11,754	16,651	16,355	39.1	-1.8
Lactose, human and animal	134,064	115,434	118,405	-11.7	2.6
	(cents per pound)	(cents per pound)	(cents per pound)	(cents change)	(cents change)
Manufacturers' selling price ⁷					
Dry whey, animal	57.6	15.2	13.8	-43.8	-1.4

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:
February 2015 and 2016**

Product	February 2015	January 2016	February 2016	Change from	
				February 2015	January 2016
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
Production					
Bulk condensed milk					
Skim, unsweetened	115,976	140,637	130,324	12.4	-7.3
Dry milk products					
Dry buttermilk, total	9,431	11,414	10,817	14.7	-5.2
Dry skim milk, animal	787	638	683	-13.2	7.1
Dry whole milk	10,541	9,947	8,647	-18.0	-13.1
Milk protein concentrate, total ¹	14,003	15,896	16,799	20.0	5.7
Nonfat dry milk, human	150,832	137,046	144,895	-3.9	5.7
Skim milk powder, total ²	32,442	51,243	39,934	23.1	-22.1
Manufacturers' stocks end-of-month ³					
Dry milk products					
Dry buttermilk, total	25,269	21,409	25,679	1.6	19.9
Dry skim milk, animal	1,982	1,498	1,514	-23.6	1.1
Dry whole milk	17,408	13,065	11,484	-34.0	-12.1
Nonfat dry milk, human	240,490	226,446	216,553	-10.0	-4.4
Manufacturers' shipments ⁴					
Dry milk products					
Nonfat dry milk, human	137,002	112,723	145,227	6.0	28.8

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	1,003,278	2.6	977,439	1,003,278	2.6
February	887,343	956,166	7.8	1,864,782	1,959,444	5.1
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	400,989	1.1	396,697	400,989	1.1
February	351,116	368,157	4.9	747,813	769,146	2.9
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	296,492	1.6	291,813	296,492	1.6
February	256,285	258,172	0.7	548,098	554,664	1.2
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.

--continued

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	435,176	2.3	425,473	435,176	2.3
February	394,340	430,687	9.2	819,813	865,863	5.6
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	336,865	0.4	335,677	336,865	0.4
February	310,077	341,222	10.0	645,754	678,087	5.0
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	6,117	3.0	5,941	6,117	3.0
February	6,255	5,837	-6.7	12,196	11,954	-2.0
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.

--continued

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	175,654	-2.2	179,583	175,654	-2.2
February	156,253	171,206	9.6	335,836	346,860	3.3
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	137,046	-16.9	164,897	137,046	-16.9
February	150,832	144,895	-3.9	315,729	281,941	-10.7
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	39,934	23.1	76,112	91,177	19.8
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.

--continued

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	83,281	10.2	75,580	83,281	10.2
February	77,913	74,564	-4.3	153,493	157,845	2.8
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	84,602	-6.1	90,075	84,602	-6.1
February	80,347	82,687	2.9	170,422	167,289	-1.8
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	39,051	-17.1	47,134	39,051	-17.1
February	38,872	36,898	-5.1	86,006	75,949	-11.7
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.

--continued

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	23,777	11.8	21,275	23,777	11.8
February	23,498	25,107	6.8	44,773	48,884	9.2
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	28,610	-1.1	28,940	28,610	-1.1
February	28,626	29,297	2.3	57,566	57,907	0.6
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	102,931	-3.0	106,097	102,931	-3.0
February	94,132	100,760	7.0	200,229	203,691	1.7
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.

--continued

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	57,066	2.7	55,556	57,066	2.7
February	58,665	60,130	2.5	114,221	117,196	2.6
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	25,723	-10.6	28,772	25,723	-10.6
February	31,537	29,553	-6.3	60,309	55,276	-8.3
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	2,461	-18.0	3,001	2,461	-18.0
February	3,255	3,146	-3.3	6,256	5,607	-10.4
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.

--continued

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	394,767	4.8	376,810	394,767	4.8
February	421,239	434,358	3.1	798,049	829,125	3.9
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	6,402	-2.1	10,883	10,527	-3.3
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:
February 2015 and 2016**

State	February 2015	January 2016	February 2016	Change from	
				February 2015	January 2016
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	189,923	205,856	208,359	9.7	1.2
Idaho	66,899	80,111	70,681	5.7	-11.8
Illinois	5,380	5,546	5,820	8.2	4.9
Iowa	18,905	22,878	19,650	3.9	-14.1
Minnesota	53,223	57,443	51,719	-2.8	-10.0
New Mexico	60,426	65,368	65,460	8.3	0.1
New York	59,324	69,100	60,026	1.2	-13.1
Ohio	15,990	18,208	17,094	6.9	-6.1
Pennsylvania	33,906	33,482	32,525	-4.1	-2.9
South Dakota	21,791	23,198	22,818	4.7	-1.6
Vermont	9,982	11,041	10,319	3.4	-6.5
Wisconsin	226,343	263,271	246,031	8.7	-6.5
Other States ¹	125,251	147,776	145,664	16.3	-1.4
United States	887,343	1,003,278	956,166	7.8	-4.7
Atlantic	109,017	125,576	113,692	4.3	-9.5
Central	393,943	449,478	423,430	7.5	-5.8
West	384,383	428,224	419,044	9.0	-2.1

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

American Cheese Production – States and United States: February 2015 and 2016

State	February 2015	January 2016	February 2016	Change from	
				February 2015	January 2016
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	50,698	55,889	52,011	2.6	-6.9
Idaho	43,878	51,843	45,639	4.0	-12.0
Iowa	10,586	12,935	12,129	14.6	-6.2
Oregon	15,113	17,585	16,418	8.6	-6.6
Wisconsin	68,563	81,527	73,900	7.8	-9.4
Other States ¹	162,278	181,210	168,060	3.6	-7.3
United States	351,116	400,989	368,157	4.9	-8.2
Atlantic	18,666	25,153	23,745	27.2	-5.6
Central	170,444	190,105	177,682	4.2	-6.5
West	162,006	185,731	166,730	2.9	-10.2

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

Cheddar Cheese Production – States and United States: February 2015 and 2016

State	February 2015	January 2016	February 2016	Change from	
				February 2015	January 2016
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	29,932	32,139	22,119	-26.1	-31.2
Idaho	33,651	41,959	35,535	5.6	-15.3
Iowa	7,016	7,209	6,554	-6.6	-9.1
Minnesota	41,240	44,208	37,518	-9.0	-15.1
Wisconsin	47,297	57,299	50,900	7.6	-11.2
Other States ¹	97,149	113,678	105,546	8.6	-7.2
United States	256,285	296,492	258,172	0.7	-12.9
Atlantic	17,836	24,327	22,633	26.9	-7.0
Central	122,802	136,797	124,767	1.6	-8.8
West	115,647	135,368	110,772	-4.2	-18.2

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: February 2015 and 2016

State	February 2015	January 2016	February 2016	Change from	
				February 2015	January 2016
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	122,061	132,876	138,503	13.5	4.2
Idaho	18,187	22,552	18,966	4.3	-15.9
New York	27,655	29,907	28,492	3.0	-4.7
Pennsylvania	23,103	21,425	20,279	-12.2	-5.3
Wisconsin	114,958	132,209	123,899	7.8	-6.3
Other States ¹	88,376	96,207	100,548	13.8	4.5
United States	394,340	435,176	430,687	9.2	-1.0
Atlantic	54,698	56,038	52,767	-3.5	-5.8
Central	154,365	176,950	166,007	7.5	-6.2
West	185,277	202,188	211,913	14.4	4.8

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

Mozzarella Cheese Production – States and United States: February 2015 and 2016

State	February 2015	January 2016	February 2016	Change from	
				February 2015	January 2016
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	111,731	119,630	127,871	14.4	6.9
Idaho	16,670	20,932	17,512	5.1	-16.3
New York	15,441	16,353	15,604	1.1	-4.6
Pennsylvania	20,251	18,250	17,472	-13.7	-4.3
Wisconsin	77,808	89,995	84,600	8.7	-6.0
Other States ¹	68,176	71,705	78,163	14.6	9.0
United States	310,077	336,865	341,222	10.0	1.3
Atlantic	37,499	36,412	34,938	-6.8	-4.0
Central	100,096	114,981	107,555	7.5	-6.5
West	172,482	185,472	198,729	15.2	7.1

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

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

State	February 2015	January 2016	February 2016	Change from	
				February 2015	January 2016
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	50,897	52,775	50,993	0.2	-3.4
Pennsylvania	8,118	8,985	7,712	-5.0	-14.2
Other States ¹	97,238	113,894	112,501	15.7	-1.2
United States	156,253	175,654	171,206	9.6	-2.5
Atlantic	18,707	20,165	18,750	0.2	-7.0
Central	64,747	68,964	69,785	7.8	1.2
West	72,799	86,525	82,671	13.6	-4.5

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

Nonfat Dry Milk (Human) Production – States and United States: February 2015 and 2016

State	February 2015	January 2016	February 2016	Change from	
				February 2015	January 2016
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	59,748	46,948	52,556	-12.0	11.9
Other States ¹	91,084	90,098	92,339	1.4	2.5
United States	150,832	137,046	144,895	-3.9	5.7
Atlantic	27,845	29,339	27,307	-1.9	-6.9
Central	23,532	25,513	23,838	1.3	-6.6
West	99,455	82,194	93,750	-5.7	14.1

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: February 2015 and 2016

State	February 2015	January 2016	February 2016	Change from	
				February 2015	January 2016
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
New York	11,178	12,224	11,384	1.8	-6.9
Wisconsin	21,730	25,959	24,050	10.7	-7.4
Other States ¹	43,621	42,267	37,193	-14.7	-12.0
United States	76,529	80,450	72,627	-5.1	-9.7
Atlantic	20,695	21,306	19,602	-5.3	-8.0
Central	31,870	37,449	34,868	9.4	-6.9
West	23,964	21,695	18,157	-24.2	-16.3

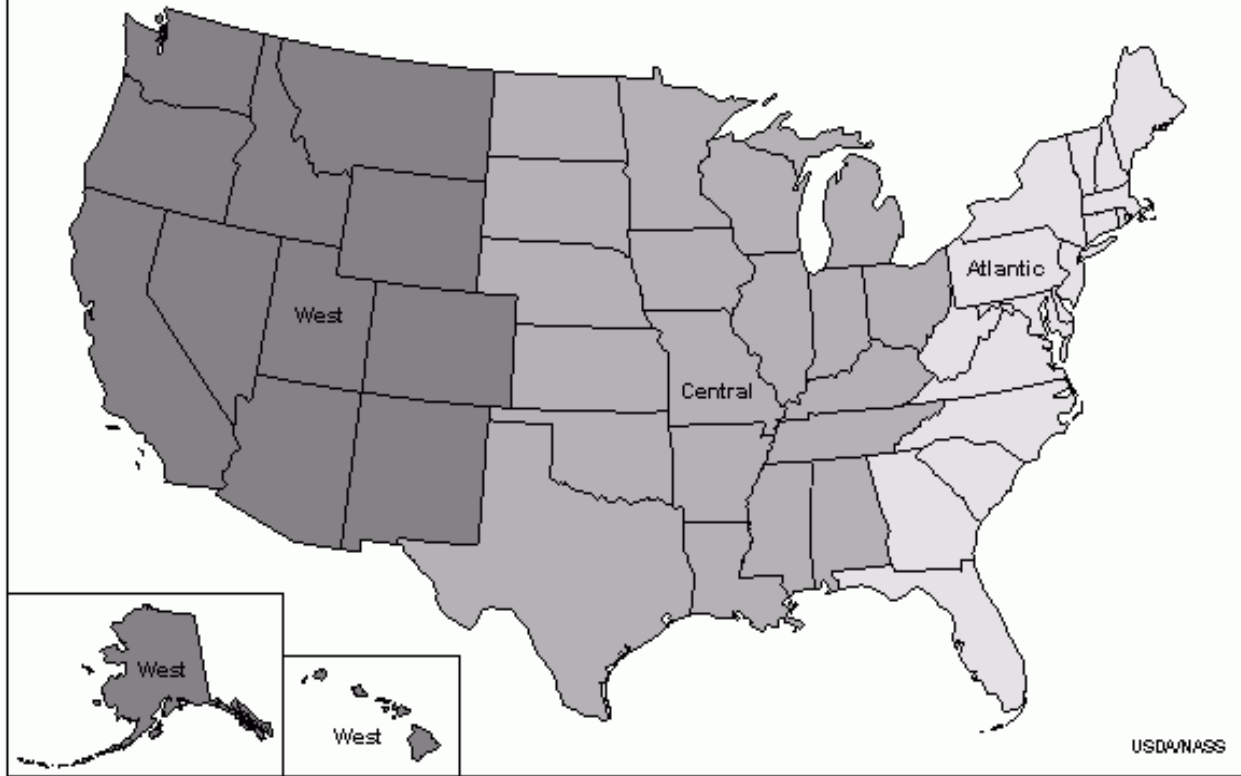
¹ States not shown when fewer than 3 plants reported or individual plant operations could be disclosed.

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

State	February 2015	January 2016	February 2016	Change from	
				February 2015	January 2016
	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(percent)	(percent)
California	7,103	8,380	8,963	26.2	7.0
Missouri	1,833	2,062	2,058	12.3	-0.2
Ohio	1,639	1,331	1,730	5.6	30.0
Oregon	723	844	862	19.2	2.1
Pennsylvania	2,261	2,940	2,341	3.5	-20.4
Wisconsin	1,317	1,361	1,320	0.2	-3.0
Other States ¹	43,789	40,148	42,856	-2.1	6.7
United States	58,665	57,066	60,130	2.5	5.4
Atlantic	13,215	11,662	13,228	0.1	13.4
Central	33,840	31,932	32,320	-4.5	1.2
West	11,610	13,472	14,582	25.6	8.2

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.

Dan Kerestes, Chief, Livestock Branch	(202) 720-3570
Scott Hollis, Head, Livestock Section	(202) 690-2424
Sherry Bertramsen – Livestock Slaughter	(202) 720-3240
Doug Bounds – Hogs and Pigs	(202) 720-3106
David Colwell – Sheep and Goats	(202) 720-8784
Donnie Fike – Dairy Products	(202) 690-3236
Michael Klamm – Cattle, Cattle on Feed	(202) 720-3040
Mike Miller – Milk Production and Milk Cows	(202) 720-3278

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: <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 <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.

The U.S. Department of Agriculture (USDA) prohibits discrimination against its customers, employees, and applicants for employment on the basis of race, color, national origin, age, disability, sex, gender identity, religion, reprisal, and where applicable, political beliefs, marital status, familial or parental status, sexual orientation, or all or part of an individual's income is derived from any public assistance program, or protected genetic information in employment or in any program or activity conducted or funded by the Department. (Not all prohibited bases will apply to all programs and/or employment activities.)

If you wish to file a Civil Rights program complaint of discrimination, complete the [USDA Program Discrimination Complaint Form](#) (PDF), found online at http://www.ascr.usda.gov/complaint_filing_cust.html, or at any USDA office, or call (866) 632-9992 to request the form. You may also write a letter containing all of the information requested in the form. Send your completed complaint form or letter to us by mail at U.S. Department of Agriculture, Director, Office of Adjudication, 1400 Independence Avenue, S.W., Washington, D.C. 20250-9410, by fax (202) 690-7442 or email at program.intake@usda.gov.