



# Dairy Products

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## December 2015 Highlights

**Total cheese** output (excluding cottage cheese) was 1.02 billion pounds, 1.2 percent above December 2014 and 2.8 percent above November 2015.

**Italian type cheese** production totaled 453 million pounds, 3.1 percent above December 2014 and 3.4 percent above November 2015.

**American type cheese** production totaled 397 million pounds, 0.7 percent above December 2014 and 5.3 percent above November 2015.

**Butter** production was 177 million pounds, 4.3 percent above December 2014 and 17.0 percent above November 2015.

### **Dry milk powders** (comparisons with December 2014)

Nonfat dry milk, human - 147 million pounds, down 10.2 percent.

Skim milk powders - 45.4 million pounds, up 5.1 percent.

### **Whey products** (comparisons with December 2014)

Dry whey, total - 94.0 million pounds, up 25.1 percent.

Lactose, human and animal - 87.4 million pounds, down 5.2 percent.

Whey protein concentrate, total - 40.0 million pounds, down 14.8 percent.

### **Frozen products** (comparisons with December 2014)

Ice cream, regular (hard) - 55.0 million gallons, up 5.4 percent.

Ice cream, lowfat (total) - 24.3 million gallons, down 10.9 percent.

Sherbet (hard) - 2.18 million gallons, down 16.2 percent.

Frozen yogurt (total) - 3.68 million gallons, down 0.8 percent.

## Contents

Dairy Products Production by Product – United States: December 2014 and 2015 .....	3
Whey and Modified Whey Products Production, Stocks, and Prices – United States: December 2014 and 2015 .....	4
Condensed and Dry Milk Products Production, Stocks, and Shipments – United States: December 2014 and 2015 .....	5
Dairy Products Production by Product and Month – United States: 2014 and 2015 .....	6
Total Cheese Production Excluding Cottage Cheese – States and United States: December 2014 and 2015 .....	13
American Cheese Production – States and United States: December 2014 and 2015 .....	14
Cheddar Cheese Production – States and United States: December 2014 and 2015 .....	14
Total Italian Cheese Production – States and United States: December 2014 and 2015 .....	15
Mozzarella Cheese Production – States and United States: December 2014 and 2015 .....	15
Butter Production – States and United States: December 2014 and 2015.....	16
Nonfat Dry Milk (Human) Production – States and United States: December 2014 and 2015 .....	16
Dry Whey (Human) Production – States and United States: December 2014 and 2015 .....	17
Ice Cream, Regular (Hard) Production – States and United States: December 2014 and 2015.....	17
Dairy Products Regions.....	18
Statistical Methodology.....	19
Information Contacts.....	20

## Dairy Products Production by Product – United States: December 2014 and 2015

Product	December 2014	November 2015	December 2015	Change from	
				December 2014	November 2015
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
Butter .....	169,754	151,313	177,058	4.3	17.0
<b>Cheese</b>					
American types <sup>1</sup> .....	394,864	377,584	397,436	0.7	5.3
Cheddar .....	285,611	266,630	289,936	1.5	8.7
Other American types .....	109,253	110,954	107,500	-1.6	-3.1
Blue and Gorgonzola .....	7,635	7,731	7,614	-0.3	-1.5
Brick and Muenster .....	14,172	15,761	13,680	-3.5	-13.2
Cream and Neufchatel .....	77,855	81,067	74,569	-4.2	-8.0
Feta .....	7,892	7,842	8,869	12.4	13.1
Gouda .....	2,661	5,691	4,531	70.3	-20.4
Hispanic .....	21,655	21,380	21,581	-0.3	0.9
Italian types .....	439,071	438,119	452,826	3.1	3.4
Mozzarella .....	343,390	346,442	352,333	2.6	1.7
Parmesan .....	27,808	25,641	31,599	13.6	23.2
Provolone .....	30,496	31,214	32,022	5.0	2.6
Ricotta .....	25,882	23,997	24,960	-3.6	4.0
Romano .....	4,720	4,541	5,391	14.2	18.7
Other Italian types .....	6,775	6,284	6,521	-3.7	3.8
Swiss .....	27,426	25,157	27,923	1.8	11.0
All other types .....	16,491	13,633	13,104	-20.5	-3.9
<b>Total cheese</b> .....	<b>1,009,722</b>	<b>993,965</b>	<b>1,022,133</b>	<b>1.2</b>	<b>2.8</b>
Cottage cheese, curd <sup>2</sup> .....	31,422	29,912	32,715	4.1	9.4
Cottage cheese, cream <sup>3</sup> .....	25,376	23,835	25,888	2.0	8.6
Cottage cheese, lowfat <sup>4</sup> .....	28,899	26,363	30,558	5.7	15.9
Sour cream .....	121,615	124,590	119,866	-1.4	-3.8
Yogurt, plain and flavored .....	381,767	347,438	361,815	-5.2	4.1
	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(percent)	(percent)
<b>Frozen products</b>					
Ice cream, regular, hard .....	52,182	54,176	55,005	5.4	1.5
Ice cream, lowfat, hard .....	14,601	12,246	12,206	-16.4	-0.3
Ice cream, lowfat, soft .....	12,646	12,299	12,070	-4.6	-1.9
Ice cream, lowfat, total .....	27,247	24,545	24,276	-10.9	-1.1
Ice cream, nonfat, hard .....	596	353	327	-45.1	-7.4
Sherbet, hard .....	2,604	2,531	2,182	-16.2	-13.8
Frozen yogurt, total .....	3,703	4,118	3,675	-0.8	-10.8
Regular and lowfat, hard .....	1,630	1,690	1,554	-4.7	-8.0
Nonfat, hard .....	642	967	690	7.5	-28.6
Other frozen dairy products .....	793	943	704	-11.2	-25.3
Water and juice ices .....	2,899	3,844	2,796	-3.6	-27.3
<b>Mix for frozen products</b>					
Ice cream, regular, mix .....	29,790	30,287	29,300	-1.6	-3.3
Ice cream, lowfat, mix .....	15,312	13,810	13,652	-10.8	-1.1
Ice cream, nonfat, mix .....	454	463	420	-7.5	-9.3
Sherbet mix .....	1,604	1,498	1,360	-15.2	-9.2
Yogurt mix .....	2,028	2,180	2,217	9.3	1.7

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

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

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

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

**Whey and Modified Whey Products Production, Stocks, and Prices – United States:  
December 2014 and 2015**

Product	December 2014	November 2015	December 2015	Change from	
				December 2014	November 2015
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
Condensed whey, solids content <sup>1</sup>					
Sweet-type, human .....	7,035	6,738	7,009	-0.4	4.0
Dry whey products					
Dry whey, human .....	74,272	82,962	92,210	24.2	11.1
Dry whey, animal .....	865	1,747	1,788	106.7	2.3
Dry whey, total .....	75,137	84,709	93,998	25.1	11.0
Reduced lactose and minerals					
Human .....	1,808	2,778	2,772	53.3	-0.2
Animal .....	4,985	2,550	2,561	-48.6	0.4
Whey protein concentrate					
Human <sup>2</sup> .....	46,571	40,872	39,779	-14.6	-2.7
Animal <sup>2</sup> .....	420	240	238	-43.3	-0.8
Total <sup>2</sup> .....	46,991	41,112	40,017	-14.8	-2.7
25.0-49.9 percent <sup>3</sup> .....	24,193	16,049	16,066	-33.6	0.1
50.0-89.9 percent <sup>3</sup> .....	22,798	25,063	23,951	5.1	-4.4
Whey protein isolates <sup>4</sup> .....	5,991	8,526	8,701	45.2	2.1
Lactose, human and animal .....	92,240	84,003	87,408	-5.2	4.1
<b>Manufacturers' stocks end of month <sup>5</sup></b>					
Dry whey products					
Dry whey, human .....	62,095	61,489	69,481	11.9	13.0
Dry whey, animal .....	768	2,260	2,134	177.9	-5.6
Dry whey, total .....	62,863	63,749	71,615	13.9	12.3
Reduced Lactose and minerals					
Human and animal <sup>6</sup> .....	9,117	8,174	6,713	-26.4	-17.9
Whey protein concentrate					
Human <sup>2</sup> .....	64,463	66,079	66,814	3.6	1.1
Animal <sup>2</sup> .....	1,042	978	823	-21.0	-15.8
Total <sup>2</sup> .....	65,505	67,057	67,637	3.3	0.9
25.0-49.9 percent <sup>3</sup> .....	32,720	24,534	25,891	-20.9	5.5
50.0-89.9 percent <sup>3</sup> .....	32,785	42,523	41,746	27.3	-1.8
Whey protein isolates <sup>4</sup> .....	11,874	15,362	16,548	39.4	7.7
Lactose, human and animal .....	132,905	103,608	103,592	-22.1	-
	(cents per pound)	(cents per pound)	(cents per pound)	(cents change)	(cents change)
<b>Manufacturers' selling price <sup>7</sup></b>					
Dry whey, animal .....	47.3	14.5	13.7	-33.6	-0.8

- Represents zero.

<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:  
December 2014 and 2015**

Product	December 2014	November 2015	December 2015	Change from	
				December 2014	November 2015
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
<b>Production</b>					
Bulk condensed milk					
Skim, unsweetened .....	121,158	126,862	133,518	10.2	5.2
Dry milk products					
Dry buttermilk, total .....	10,171	7,941	9,876	-2.9	24.4
Dry skim milk, animal .....	815	556	1,036	27.1	86.3
Dry whole milk .....	7,117	6,016	9,672	35.9	60.8
Milk protein concentrate, total <sup>1</sup> .....	10,851	8,673	12,155	12.0	40.1
Nonfat dry milk, human .....	163,833	125,496	147,047	-10.2	17.2
Skim milk powder, total <sup>2</sup> .....	43,186	44,940	45,377	5.1	1.0
<b>Manufacturers' stocks end-of-month</b> <sup>3</sup>					
Dry milk products					
Dry buttermilk, total .....	26,248	11,371	14,994	-42.9	31.9
Dry skim milk, animal .....	2,061	1,992	1,722	-16.4	-13.6
Dry whole milk .....	23,244	7,404	11,358	-51.1	53.4
Nonfat dry milk, human .....	239,029	198,483	199,365	-16.6	0.4
<b>Manufacturers' shipments</b> <sup>4</sup>					
Dry milk products					
Nonfat dry milk, human .....	133,846	104,779	132,026	-1.4	26.0

<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: 2014 and 2015

Product and month	By month			Cumulative		
	2014	2015	Change from 2014	2014	2015	Change from 2014
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
<b>Total cheese</b>						
January .....	957,780	977,439	2.1	957,780	977,439	2.1
February .....	854,426	887,343	3.9	1,812,206	1,864,782	2.9
March .....	970,226	996,187	2.7	2,782,432	2,860,969	2.8
April .....	961,102	969,811	0.9	3,743,534	3,830,780	2.3
May .....	970,995	989,236	1.9	4,714,529	4,820,016	2.2
June .....	945,056	963,959	2.0	5,659,585	5,783,975	2.2
July .....	958,491	991,007	3.4	6,618,076	6,774,982	2.4
August .....	941,939	978,598	3.9	7,560,015	7,753,580	2.6
September .....	933,903	954,632	2.2	8,493,918	8,708,212	2.5
October .....	976,400	997,431	2.2	9,470,318	9,705,643	2.5
November .....	970,077	993,965	2.5	10,440,395	10,699,608	2.5
December .....	1,009,722	1,022,133	1.2	11,450,117	11,721,741	2.4
<b>Total American cheese types <sup>1</sup></b>						
January .....	383,537	396,697	3.4	383,537	396,697	3.4
February .....	341,044	351,116	3.0	724,581	747,813	3.2
March .....	382,105	390,309	2.1	1,106,686	1,138,122	2.8
April .....	380,371	391,112	2.8	1,487,057	1,529,234	2.8
May .....	394,294	401,209	1.8	1,881,351	1,930,443	2.6
June .....	369,657	384,022	3.9	2,251,008	2,314,465	2.8
July .....	380,317	392,331	3.2	2,631,325	2,706,796	2.9
August .....	375,711	390,758	4.0	3,007,036	3,097,554	3.0
September .....	365,401	375,835	2.9	3,372,437	3,473,389	3.0
October .....	388,428	391,378	0.8	3,760,865	3,864,767	2.8
November .....	378,508	377,584	-0.2	4,139,373	4,242,351	2.5
December .....	394,864	397,436	0.7	4,534,237	4,639,787	2.3
<b>Cheddar cheese</b>						
January .....	278,712	291,813	4.7	278,712	291,813	4.7
February .....	249,721	256,285	2.6	528,433	548,098	3.7
March .....	278,529	281,825	1.2	806,962	829,923	2.8
April .....	285,763	282,338	-1.2	1,092,725	1,112,261	1.8
May .....	288,979	291,158	0.8	1,381,704	1,403,419	1.6
June .....	269,542	282,419	4.8	1,651,246	1,685,838	2.1
July .....	269,305	282,375	4.9	1,920,551	1,968,213	2.5
August .....	265,426	275,276	3.7	2,185,977	2,243,489	2.6
September .....	257,788	267,879	3.9	2,443,765	2,511,368	2.8
October .....	272,849	279,577	2.5	2,716,614	2,790,945	2.7
November .....	261,033	266,630	2.1	2,977,647	3,057,575	2.7
December .....	285,611	289,936	1.5	3,263,258	3,347,511	2.6

See footnote(s) at end of table.

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## Dairy Products Production by Product and Month – United States: 2014 and 2015

Product and month	By month			Cumulative		
	2014	2015	Change from 2014	2014	2015	Change from 2014
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
<b>Total Italian cheese types</b>						
January .....	420,356	425,473	1.2	420,356	425,473	1.2
February .....	374,311	394,340	5.4	794,667	819,813	3.2
March .....	426,179	436,632	2.5	1,220,846	1,256,445	2.9
April .....	417,225	417,230	-	1,638,071	1,673,675	2.2
May .....	415,122	425,769	2.6	2,053,193	2,099,444	2.3
June .....	410,323	417,683	1.8	2,463,516	2,517,127	2.2
July .....	409,409	425,228	3.9	2,872,925	2,942,355	2.4
August .....	399,986	410,252	2.6	3,272,911	3,352,607	2.4
September .....	402,020	399,137	-0.7	3,674,931	3,751,744	2.1
October .....	411,682	420,032	2.0	4,086,613	4,171,776	2.1
November .....	423,917	438,119	3.4	4,510,530	4,609,895	2.2
December .....	439,071	452,826	3.1	4,949,601	5,062,721	2.3
<b>Mozzarella</b>						
January .....	333,353	335,677	0.7	333,353	335,677	0.7
February .....	300,495	310,077	3.2	633,848	645,754	1.9
March .....	335,189	339,697	1.3	969,037	985,451	1.7
April .....	332,063	327,220	-1.5	1,301,100	1,312,671	0.9
May .....	331,061	340,007	2.7	1,632,161	1,652,678	1.3
June .....	328,664	327,511	-0.4	1,960,825	1,980,189	1.0
July .....	327,416	334,560	2.2	2,288,241	2,314,749	1.2
August .....	318,834	323,112	1.3	2,607,075	2,637,861	1.2
September .....	315,867	313,353	-0.8	2,922,942	2,951,214	1.0
October .....	320,731	323,836	1.0	3,243,673	3,275,050	1.0
November .....	336,417	346,442	3.0	3,580,090	3,621,492	1.2
December .....	343,390	352,333	2.6	3,923,480	3,973,825	1.3
<b>Other Italian cheese types</b>						
January .....	5,490	5,941	8.2	5,490	5,941	8.2
February .....	5,729	6,255	9.2	11,219	12,196	8.7
March .....	6,731	7,547	12.1	17,950	19,743	10.0
April .....	6,175	7,075	14.6	24,125	26,818	11.2
May .....	5,625	6,623	17.7	29,750	33,441	12.4
June .....	5,983	6,381	6.7	35,733	39,822	11.4
July .....	5,462	5,770	5.6	41,195	45,592	10.7
August .....	5,668	6,085	7.4	46,863	51,677	10.3
September .....	6,145	5,703	-7.2	53,008	57,380	8.2
October .....	6,189	6,723	8.6	59,197	64,103	8.3
November .....	6,421	6,284	-2.1	65,618	70,387	7.3
December .....	6,775	6,521	-3.7	72,393	76,908	6.2

See footnote(s) at end of table.

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## Dairy Products Production by Product and Month – United States: 2014 and 2015

Product and month	By month			Cumulative		
	2014	2015	Change from 2014	2014	2015	Change from 2014
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
<b>Butter</b>						
January .....	184,030	179,583	-2.4	184,030	179,583	-2.4
February .....	166,097	156,253	-5.9	350,127	335,836	-4.1
March .....	166,626	164,319	-1.4	516,753	500,155	-3.2
April .....	167,730	164,201	-2.1	684,483	664,356	-2.9
May .....	166,285	169,840	2.1	850,768	834,196	-1.9
June .....	140,391	142,132	1.2	991,159	976,328	-1.5
July .....	137,788	133,312	-3.2	1,128,947	1,109,640	-1.7
August .....	130,167	128,505	-1.3	1,259,114	1,238,145	-1.7
September .....	132,767	134,858	1.6	1,391,881	1,373,003	-1.4
October .....	150,177	147,548	-1.8	1,542,058	1,520,551	-1.4
November .....	144,518	151,313	4.7	1,686,576	1,671,864	-0.9
December .....	169,754	177,058	4.3	1,856,330	1,848,922	-0.4
<b>Nonfat dry milk, human</b>						
January .....	138,661	164,897	18.9	138,661	164,897	18.9
February .....	141,187	150,832	6.8	279,848	315,729	12.8
March .....	167,853	180,004	7.2	447,701	495,733	10.7
April .....	160,342	181,869	13.4	608,043	677,602	11.4
May .....	162,139	180,265	11.2	770,182	857,867	11.4
June .....	148,648	165,078	11.1	918,830	1,022,945	11.3
July .....	166,602	155,625	-6.6	1,085,432	1,178,570	8.6
August .....	116,521	124,240	6.6	1,201,953	1,302,810	8.4
September .....	112,338	119,695	6.5	1,314,291	1,422,505	8.2
October .....	134,694	118,179	-12.3	1,448,985	1,540,684	6.3
November .....	151,692	125,496	-17.3	1,600,677	1,666,180	4.1
December .....	163,833	147,047	-10.2	1,764,510	1,813,227	2.8
<b>Skim milk powders <sup>2</sup></b>						
January .....	60,401	43,670	-27.7	60,401	43,670	-27.7
February .....	36,621	32,442	-11.4	97,022	76,112	-21.6
March .....	43,272	39,442	-8.9	140,294	115,554	-17.6
April .....	49,951	34,531	-30.9	190,245	150,085	-21.1
May .....	59,441	35,538	-40.2	249,686	185,623	-25.7
June .....	53,036	34,676	-34.6	302,722	220,299	-27.2
July .....	28,514	34,177	19.9	331,236	254,476	-23.2
August .....	54,073	39,288	-27.3	385,309	293,764	-23.8
September .....	40,931	26,837	-34.4	426,240	320,601	-24.8
October .....	43,443	39,723	-8.6	469,683	360,324	-23.3
November .....	30,635	44,940	46.7	500,318	405,264	-19.0
December .....	43,186	45,377	5.1	543,504	450,641	-17.1

See footnote(s) at end of table.

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## Dairy Products Production by Product and Month – United States: 2014 and 2015

Product and month	By month			Cumulative		
	2014	2015	Change from 2014	2014	2015	Change from 2014
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
<b>Dry whey, total <sup>3</sup></b>						
January .....	70,011	75,580	8.0	70,011	75,580	8.0
February .....	65,603	77,913	18.8	135,614	153,493	13.2
March .....	71,504	86,459	20.9	207,118	239,952	15.9
April .....	71,629	76,535	6.8	278,747	316,487	13.5
May .....	82,480	80,622	-2.3	361,227	397,109	9.9
June .....	79,309	85,108	7.3	440,536	482,217	9.5
July .....	73,475	80,716	9.9	514,011	562,933	9.5
August .....	71,031	83,982	18.2	585,042	646,915	10.6
September .....	69,726	78,720	12.9	654,768	725,635	10.8
October .....	68,265	75,619	10.8	723,033	801,254	10.8
November .....	71,490	84,709	18.5	794,523	885,963	11.5
December .....	75,137	93,998	25.1	869,660	979,961	12.7
<b>Lactose, human and animal</b>						
January .....	95,675	90,075	-5.9	95,675	90,075	-5.9
February .....	88,150	80,347	-8.9	183,825	170,422	-7.3
March .....	100,126	93,936	-6.2	283,951	264,358	-6.9
April .....	93,492	88,389	-5.5	377,443	352,747	-6.5
May .....	98,951	89,530	-9.5	476,394	442,277	-7.2
June .....	102,836	91,155	-11.4	579,230	533,432	-7.9
July .....	101,775	90,569	-11.0	681,005	624,001	-8.4
August .....	91,392	89,099	-2.5	772,397	713,100	-7.7
September .....	91,327	85,245	-6.7	863,724	798,345	-7.6
October .....	89,611	84,378	-5.8	953,335	882,723	-7.4
November .....	87,623	84,003	-4.1	1,040,958	966,726	-7.1
December .....	92,240	87,408	-5.2	1,133,198	1,054,134	-7.0
<b>Whey protein concentrate, total</b>						
January .....	44,325	47,134	6.3	44,325	47,134	6.3
February .....	42,131	38,872	-7.7	86,456	86,006	-0.5
March .....	45,027	42,024	-6.7	131,483	128,030	-2.6
April .....	45,979	41,849	-9.0	177,462	169,879	-4.3
May .....	46,380	44,202	-4.7	223,842	214,081	-4.4
June .....	43,703	38,454	-12.0	267,545	252,535	-5.6
July .....	44,569	41,594	-6.7	312,114	294,129	-5.8
August .....	44,949	39,871	-11.3	357,063	334,000	-6.5
September .....	41,281	37,275	-9.7	398,344	371,275	-6.8
October .....	46,167	41,046	-11.1	444,511	412,321	-7.2
November .....	46,655	41,112	-11.9	491,166	453,433	-7.7
December .....	46,991	40,017	-14.8	538,157	493,450	-8.3

See footnote(s) at end of table.

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## Dairy Products Production by Product and Month – United States: 2014 and 2015

Product and month	By month			Cumulative		
	2014	2015	Change from 2014	2014	2015	Change from 2014
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
<b>Cottage cheese, cream</b>						
January .....	25,684	21,275	-17.2	25,684	21,275	-17.2
February .....	22,672	23,498	3.6	48,356	44,773	-7.4
March .....	25,526	26,877	5.3	73,882	71,650	-3.0
April .....	26,307	25,962	-1.3	100,189	97,612	-2.6
May .....	26,310	26,281	-0.1	126,499	123,893	-2.1
June .....	26,149	27,111	3.7	152,648	151,004	-1.1
July .....	26,229	28,968	10.4	178,877	179,972	0.6
August .....	25,692	27,787	8.2	204,569	207,759	1.6
September .....	26,810	27,374	2.1	231,379	235,133	1.6
October .....	25,529	26,728	4.7	256,908	261,861	1.9
November .....	21,688	23,835	9.9	278,596	285,696	2.5
December .....	25,376	25,888	2.0	303,972	311,584	2.5
<b>Cottage cheese, lowfat</b>						
January .....	30,052	28,940	-3.7	30,052	28,940	-3.7
February .....	28,257	28,626	1.3	58,309	57,566	-1.3
March .....	31,462	32,248	2.5	89,771	89,814	-
April .....	32,732	30,053	-8.2	122,503	119,867	-2.2
May .....	31,660	30,035	-5.1	154,163	149,902	-2.8
June .....	32,716	32,180	-1.6	186,879	182,082	-2.6
July .....	31,398	31,828	1.4	218,277	213,910	-2.0
August .....	30,845	31,541	2.3	249,122	245,451	-1.5
September .....	31,859	32,128	0.8	280,981	277,579	-1.2
October .....	31,399	29,273	-6.8	312,380	306,852	-1.8
November .....	25,321	26,363	4.1	337,701	333,215	-1.3
December .....	28,899	30,558	5.7	366,600	363,773	-0.8
<b>Sour cream</b>						
January .....	107,623	106,097	-1.4	107,623	106,097	-1.4
February .....	94,245	94,132	-0.1	201,868	200,229	-0.8
March .....	107,414	110,663	3.0	309,282	310,892	0.5
April .....	107,253	104,204	-2.8	416,535	415,096	-0.3
May .....	105,521	105,009	-0.5	522,056	520,105	-0.4
June .....	106,424	111,514	4.8	628,480	631,619	0.5
July .....	106,856	106,373	-0.5	735,336	737,992	0.4
August .....	105,685	108,192	2.4	841,021	846,184	0.6
September .....	103,826	106,936	3.0	944,847	953,120	0.9
October .....	117,570	119,599	1.7	1,062,417	1,072,719	1.0
November .....	120,497	124,590	3.4	1,182,914	1,197,309	1.2
December .....	121,615	119,866	-1.4	1,304,529	1,317,175	1.0

See footnote(s) at end of table.

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## Dairy Products Production by Product and Month – United States: 2014 and 2015

Product and month	By month			Cumulative		
	2014	2015	Change from 2014	2014	2015	Change from 2014
	(1,000 gallons)	(1,000 gallons)	(percent)	(1,000 gallons)	(1,000 gallons)	(percent)
<b>Ice cream, regular hard</b>						
January .....	56,470	55,556	-1.6	56,470	55,556	-1.6
February .....	57,065	58,665	2.8	113,535	114,221	0.6
March .....	68,261	70,749	3.6	181,796	184,970	1.7
April .....	70,480	67,835	-3.8	252,276	252,805	0.2
May .....	70,643	64,029	-9.4	322,919	316,834	-1.9
June .....	73,910	70,520	-4.6	396,829	387,354	-2.4
July .....	73,877	70,368	-4.7	470,706	457,722	-2.8
August .....	67,848	68,350	0.7	538,554	526,072	-2.3
September .....	62,523	63,115	0.9	601,077	589,187	-2.0
October .....	60,924	61,510	1.0	662,001	650,697	-1.7
November .....	53,664	54,176	1.0	715,665	704,873	-1.5
December .....	52,182	55,005	5.4	767,847	759,878	-1.0
<b>Ice cream, lowfat total</b>						
January .....	29,325	28,772	-1.9	29,325	28,772	-1.9
February .....	30,091	31,537	4.8	59,416	60,309	1.5
March .....	35,274	39,529	12.1	94,690	99,838	5.4
April .....	40,501	41,209	1.7	135,191	141,047	4.3
May .....	39,381	42,624	8.2	174,572	183,671	5.2
June .....	42,699	47,337	10.9	217,271	231,008	6.3
July .....	40,242	45,540	13.2	257,513	276,548	7.4
August .....	35,842	40,934	14.2	293,355	317,482	8.2
September .....	33,616	34,455	2.5	326,971	351,937	7.6
October .....	31,424	29,801	-5.2	358,395	381,738	6.5
November .....	25,975	24,545	-5.5	384,370	406,283	5.7
December .....	27,247	24,276	-10.9	411,617	430,559	4.6
<b>Sherbet, hard</b>						
January .....	3,183	3,001	-5.7	3,183	3,001	-5.7
February .....	3,409	3,255	-4.5	6,592	6,256	-5.1
March .....	4,067	3,792	-6.8	10,659	10,048	-5.7
April .....	4,071	3,711	-8.8	14,730	13,759	-6.6
May .....	3,870	3,745	-3.2	18,600	17,504	-5.9
June .....	4,183	3,790	-9.4	22,783	21,294	-6.5
July .....	4,013	3,765	-6.2	26,796	25,059	-6.5
August .....	3,271	3,481	6.4	30,067	28,540	-5.1
September .....	3,510	3,417	-2.6	33,577	31,957	-4.8
October .....	2,821	3,014	6.8	36,398	34,971	-3.9
November .....	2,688	2,531	-5.8	39,086	37,502	-4.1
December .....	2,604	2,182	-16.2	41,690	39,684	-4.8

See footnote(s) at end of table.

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## Dairy Products Production by Product and Month – United States: 2014 and 2015

Product and month	By month			Cumulative		
	2014	2015	Change from 2014	2014	2015	Change from 2014
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
<b>Yogurt, plain and flavored</b>						
January .....	393,002	376,810	-4.1	393,002	376,810	-4.1
February .....	403,524	421,239	4.4	796,526	798,049	0.2
March .....	437,102	437,096	-	1,233,628	1,235,145	0.1
April .....	391,971	385,131	-1.7	1,625,599	1,620,276	-0.3
May .....	389,529	398,562	2.3	2,015,128	2,018,838	0.2
June .....	400,537	392,437	-2.0	2,415,665	2,411,275	-0.2
July .....	388,217	388,835	0.2	2,803,882	2,800,110	-0.1
August .....	406,115	399,808	-1.6	3,209,997	3,199,918	-0.3
September .....	463,263	445,672	-3.8	3,673,260	3,645,590	-0.8
October .....	381,223	381,376	-	4,054,483	4,026,966	-0.7
November .....	320,295	347,438	8.5	4,374,778	4,374,404	-0.1
December .....	381,767	361,815	-5.2	4,756,545	4,736,219	-0.4
	(1,000 gallons)	(1,000 gallons)	(percent)	(1,000 gallons)	(1,000 gallons)	(percent)
<b>Frozen yogurt, total</b>						
January .....	5,425	4,344	-19.9	5,425	4,344	-19.9
February .....	5,816	6,539	12.4	11,241	10,883	-3.2
March .....	6,529	6,149	-5.8	17,770	17,032	-4.2
April .....	6,519	7,005	7.5	24,289	24,037	-1.0
May .....	6,100	5,807	-4.8	30,389	29,844	-1.8
June .....	6,254	6,821	9.1	36,643	36,665	0.1
July .....	6,085	6,258	2.8	42,728	42,923	0.5
August .....	5,648	5,598	-0.9	48,376	48,521	0.3
September .....	5,128	4,950	-3.5	53,504	53,471	-0.1
October .....	5,144	5,171	0.5	58,648	58,642	-
November .....	4,409	4,118	-6.6	63,057	62,760	-0.5
December .....	3,703	3,675	-0.8	66,760	66,435	-0.5

- Represents zero.

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

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

<sup>3</sup> Excludes all modified dry whey products.

**Total Cheese Production Excluding Cottage Cheese – States and United States:  
December 2014 and 2015**

State	December 2014	November 2015	December 2015	Change from	
				December 2014	November 2015
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California .....	214,436	201,255	216,325	0.9	7.5
Idaho .....	80,893	76,390	83,256	2.9	9.0
Illinois .....	7,426	6,707	6,929	-6.7	3.3
Iowa .....	18,989	20,169	19,703	3.8	-2.3
Minnesota .....	59,534	55,818	59,665	0.2	6.9
New Mexico .....	63,108	69,192	61,025	-3.3	-11.8
New York .....	72,573	70,590	71,079	-2.1	0.7
Ohio .....	18,858	17,256	19,403	2.9	12.4
Pennsylvania .....	34,744	32,805	33,739	-2.9	2.8
South Dakota .....	23,785	23,306	22,898	-3.7	-1.8
Vermont .....	10,836	11,490	11,421	5.4	-0.6
Wisconsin .....	255,748	252,020	264,646	3.5	5.0
Other States <sup>1</sup> .....	148,792	156,967	152,044	2.2	-3.1
United States .....	1,009,722	993,965	1,022,133	1.2	2.8
Atlantic .....	125,517	126,517	128,841	2.6	1.8
Central .....	449,505	439,582	455,318	1.3	3.6
West .....	434,700	427,866	437,974	0.8	2.4

<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: December 2014 and 2015

State	December 2014	November 2015	December 2015	Change from	
				December 2014	November 2015
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California .....	54,280	51,940	55,509	2.3	6.9
Idaho .....	51,401	48,978	49,844	-3.0	1.8
Iowa .....	10,887	12,134	11,702	7.5	-3.6
Oregon .....	17,546	16,915	17,688	0.8	4.6
Wisconsin .....	76,795	71,623	78,256	1.9	9.3
Other States <sup>1</sup> .....	183,955	175,994	184,437	0.3	4.8
United States .....	394,864	377,584	397,436	0.7	5.3
Atlantic .....	19,567	24,032	25,328	29.4	5.4
Central .....	192,354	181,686	191,536	-0.4	5.4
West .....	182,943	171,866	180,572	-1.3	5.1

<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: December 2014 and 2015

State	December 2014	November 2015	December 2015	Change from	
				December 2014	November 2015
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California .....	31,929	28,485	31,912	-0.1	12.0
Idaho .....	40,714	38,479	40,208	-1.2	4.5
Iowa .....	6,958	6,393	6,762	-2.8	5.8
Minnesota .....	48,123	43,683	45,280	-5.9	3.7
Wisconsin .....	51,621	49,620	52,856	2.4	6.5
Other States <sup>1</sup> .....	106,266	99,970	112,918	6.3	13.0
United States .....	285,611	266,630	289,936	1.5	8.7
Atlantic .....	19,203	22,958	24,238	26.2	5.6
Central .....	137,517	122,981	133,325	-3.0	8.4
West .....	128,891	120,691	132,373	2.7	9.7

<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: December 2014 and 2015

State	December 2014	November 2015	December 2015	Change from	
				December 2014	November 2015
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California .....	139,985	131,092	143,727	2.7	9.6
Idaho .....	23,199	21,155	27,266	17.5	28.9
New York .....	35,009	32,034	33,387	-4.6	4.2
Pennsylvania .....	21,493	19,943	20,905	-2.7	4.8
Wisconsin .....	128,135	126,669	133,059	3.8	5.0
Other States <sup>1</sup> .....	91,250	107,226	94,482	3.5	-11.9
United States .....	439,071	438,119	452,826	3.1	3.4
Atlantic .....	62,023	56,985	59,680	-3.8	4.7
Central .....	167,431	169,863	176,466	5.4	3.9
West .....	209,617	211,271	216,680	3.4	2.6

<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: December 2014 and 2015

State	December 2014	November 2015	December 2015	Change from	
				December 2014	November 2015
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California .....	129,531	120,207	130,140	0.5	8.3
Idaho .....	22,350	19,909	25,757	15.2	29.4
New York .....	17,980	16,197	17,403	-3.2	7.4
Pennsylvania .....	18,104	16,724	17,987	-0.6	7.6
Wisconsin .....	86,715	86,414	90,200	4.0	4.4
Other States <sup>1</sup> .....	68,710	86,991	70,846	3.1	-18.6
United States .....	343,390	346,442	352,333	2.6	1.7
Atlantic .....	38,286	35,019	37,508	-2.0	7.1
Central .....	108,344	113,937	114,896	6.0	0.8
West .....	196,760	197,486	199,929	1.6	1.2

<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: December 2014 and 2015

State	December 2014	November 2015	December 2015	Change from	
				December 2014	November 2015
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California .....	51,413	45,514	51,443	0.1	13.0
Pennsylvania .....	9,404	7,848	8,905	-5.3	13.5
Other States <sup>1</sup> .....	108,937	97,951	116,710	7.1	19.2
United States .....	169,754	151,313	177,058	4.3	17.0
Atlantic .....	19,533	14,253	18,033	-7.7	26.5
Central .....	72,903	60,279	72,643	-0.4	20.5
West .....	77,318	76,781	86,382	11.7	12.5

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

### Nonfat Dry Milk (Human) Production – States and United States: December 2014 and 2015

State	December 2014	November 2015	December 2015	Change from	
				December 2014	November 2015
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California .....	59,809	47,908	53,053	-11.3	10.7
Other States <sup>1</sup> .....	104,024	77,588	93,994	-9.6	21.1
United States .....	163,833	125,496	147,047	-10.2	17.2
Atlantic .....	29,845	18,449	29,738	-0.4	61.2
Central .....	26,891	26,109	26,121	-2.9	0.0
West .....	107,097	80,938	91,188	-14.9	12.7

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



## Dry Whey (Human) Production – States and United States: December 2014 and 2015

State	December 2014	November 2015	December 2015	Change from	
				December 2014	November 2015
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
New York .....	12,949	12,366	12,725	-1.7	2.9
Wisconsin .....	24,023	25,911	26,567	10.6	2.5
Other States <sup>1</sup> .....	37,300	44,685	52,918	41.9	18.4
United States .....	74,272	82,962	92,210	24.2	11.1
Atlantic .....	22,188	21,603	21,987	-0.9	1.8
Central .....	36,053	38,667	38,935	8.0	0.7
West .....	16,031	22,692	31,288	95.2	37.9

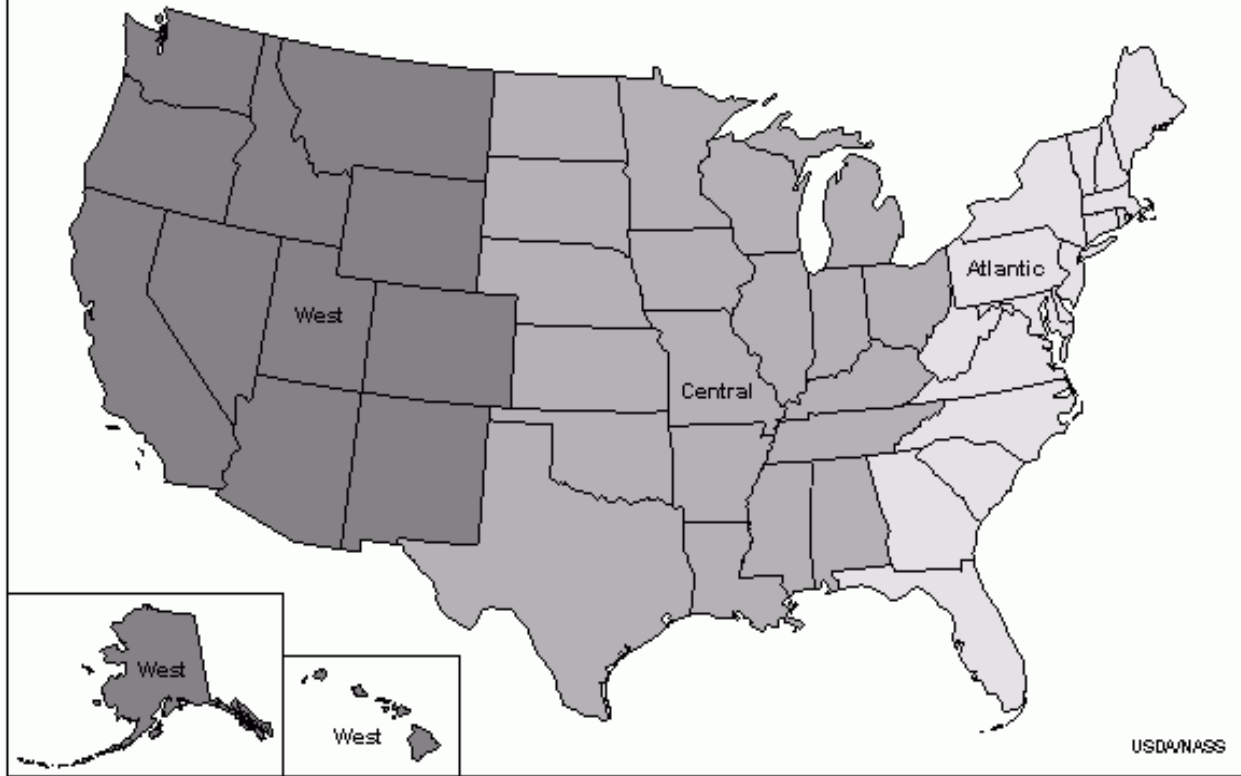
<sup>1</sup> States not shown when fewer than 3 plants reported or individual plant operations could be disclosed.

## Ice Cream, Regular (Hard) Production – States and United States: December 2014 and 2015

State	December 2014	November 2015	December 2015	Change from	
				December 2014	November 2015
	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(percent)	(percent)
California .....	6,881	8,272	10,210	48.4	23.4
Missouri .....	1,169	1,698	1,121	-4.1	-34.0
Ohio .....	1,372	1,684	1,772	29.2	5.2
Oregon .....	898	735	941	4.8	28.0
Pennsylvania .....	2,697	3,514	3,550	31.6	1.0
Wisconsin .....	825	1,157	1,111	34.7	-4.0
Other States <sup>1</sup> .....	38,340	37,116	36,300	-5.3	-2.2
United States .....	52,182	54,176	55,005	5.4	1.5
Atlantic .....	11,380	13,221	11,821	3.9	-10.6
Central .....	30,048	28,043	28,477	-5.2	1.5
West .....	10,754	12,912	14,707	36.8	13.9

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

# Dairy Products Regions



## Statistical Methodology

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

**Sampling frames and sample size:** In 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](mailto:nass@nass.usda.gov).

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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](mailto:nass@nass.usda.gov).

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