



Dairy Products

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December 2013 Highlights

Total cheese output (excluding cottage cheese) was 973 million pounds, 2.3 percent above December 2012 and 4.9 percent above November 2013.

Italian type cheese production totaled 433 million pounds, 5.6 percent above December 2012 and 8.1 percent above November 2013.

American type cheese production totaled 376 million pounds, 2.2 percent below December 2012 but 6.6 percent above November 2013.

Butter production was 161 million pounds, 6.9 percent below December 2012 but 12.9 percent above November 2013.

Dry milk powders (comparisons with December 2012)

Nonfat dry milk, human - 125 million pounds, down 20.8 percent.

Skim milk powders - 58.1 million pounds, up 52.4 percent.

Whey products (comparisons with December 2012)

Dry whey, total - 82.1 million pounds, down 8.0 percent.

Lactose, human and animal - 92.3 million pounds, up 5.0 percent.

Whey protein concentrate, total - 43.2 million pounds, up 12.4 percent.

Frozen products (comparisons with December 2012)

Ice cream, regular (hard) - 43.1 million gallons, down 11.0 percent.

Ice cream, lowfat (total) - 21.7 million gallons, down 14.3 percent.

Sherbet (hard) - 2.19 million gallons, down 23.8 percent.

Frozen yogurt (total) - 4.40 million gallons, down 2.7 percent.

Contents

Dairy Products Production by Product – United States: December 2012 and 2013	3
Whey and Modified Whey Products Production, Stocks, and Prices – United States: December 2012 and 2013	4
Condensed and Dry Milk Products Production, Stocks, and Shipments – United States: December 2012 and 2013	5
Dairy Products Production by Product and Month – United States: 2012 and 2013	6
Total Cheese Production Excluding Cottage Cheese – States and United States: December 2012 and 2013	13
American Cheese Production – States and United States: December 2012 and 2013	14
Cheddar Cheese Production – States and United States: December 2012 and 2013	14
Total Italian Cheese Production – States and United States: December 2012 and 2013	15
Mozzarella Cheese Production – States and United States: December 2012 and 2013	15
Butter Production – States and United States: December 2012 and 2013.....	16
Nonfat Dry Milk (Human) Production – States and United States: December 2012 and 2013	16
Dry Whey (Human) Production – States and United States: December 2012 and 2013	17
Ice Cream, Regular (Hard) Production – States and United States: December 2012 and 2013.....	17
Dairy Products Regions.....	18
Statistical Methodology.....	19
Information Contacts.....	20

Dairy Products Production by Product – United States: December 2012 and 2013

Product	December 2012	November 2013	December 2013	Change from	
				December 2012	November 2013
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
Butter	173,144	142,654	161,114	-6.9	12.9
Cheese					
American types ¹	384,207	352,744	375,856	-2.2	6.6
Cheddar	278,862	251,049	270,944	-2.8	7.9
Other American types	105,345	101,695	104,912	-0.4	3.2
Blue and Gorgonzola	7,345	7,069	7,527	2.5	6.5
Brick and Muenster	16,281	15,420	15,621	-4.1	1.3
Cream and Neufchatel	62,099	79,449	70,593	13.7	-11.1
Feta	9,709	7,613	8,035	-17.2	5.5
Gouda	2,426	4,918	4,113	69.5	-16.4
Hispanic	17,864	20,143	19,313	8.1	-4.1
Italian types	410,108	400,880	433,268	5.6	8.1
Mozzarella	324,595	307,560	335,147	3.3	9.0
Parmesan	23,029	19,065	24,731	7.4	29.7
Provolone	28,539	30,090	29,912	4.8	-0.6
Ricotta	23,620	34,216	33,469	41.7	-2.2
Romano	4,087	3,501	3,132	-23.4	-10.5
Other Italian types	6,238	6,448	6,877	10.2	6.7
Swiss	26,050	23,400	25,447	-2.3	8.7
All other types	15,180	15,223	12,909	-15.0	-15.2
Total cheese	951,269	926,859	972,682	2.3	4.9
Cottage cheese, curd ²	34,199	30,895	29,610	-13.4	-4.2
Cottage cheese, cream ³	23,771	24,002	23,931	0.7	-0.3
Cottage cheese, lowfat ⁴	27,582	27,678	27,696	0.4	0.1
Sour cream	109,856	121,313	116,211	5.8	-4.2
Yogurt, plain and flavored	360,854	326,798	378,706	4.9	15.9
	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(percent)	(percent)
Frozen products					
Ice cream, regular, hard	48,377	51,990	43,074	-11.0	-17.1
Ice cream, lowfat, hard	9,862	13,259	10,589	7.4	-20.1
Ice cream, lowfat, soft	15,490	11,527	11,150	-28.0	-3.3
Ice cream, lowfat, total	25,352	24,786	21,739	-14.3	-12.3
Ice cream, nonfat, hard	572	776	621	8.6	-20.0
Sherbet, hard	2,868	2,517	2,186	-23.8	-13.2
Frozen yogurt, total	4,520	4,455	4,397	-2.7	-1.3
Regular and lowfat, hard	1,364	1,999	1,779	30.4	-11.0
Nonfat, hard	426	556	564	32.4	1.4
Other frozen dairy products	829	1,217	1,091	31.6	-10.4
Water and juice ices	2,636	2,688	2,196	-16.7	-18.3
Mix for frozen products					
Ice cream, regular, mix	26,970	29,391	24,135	-10.5	-17.9
Ice cream, lowfat, mix	13,182	13,881	12,250	-7.1	-11.7
Ice cream, nonfat, mix	504	612	496	-1.6	-19.0
Sherbet mix	1,541	1,707	1,353	-12.2	-20.7
Yogurt mix	2,413	2,700	2,665	10.4	-1.3

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:
December 2012 and 2013**

Product	December 2012	November 2013	December 2013	Change from	
				December 2012	November 2013
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
Condensed whey, solids content ¹					
Sweet-type, human	7,702	7,030	7,340	-4.7	4.4
Dry whey products					
Dry whey, human	84,770	73,803	81,299	-4.1	10.2
Dry whey, animal	4,471	915	812	-81.8	-11.3
Dry whey, total	89,241	74,718	82,111	-8.0	9.9
Reduced lactose and minerals					
Human	2,260	2,822	2,516	11.3	-10.8
Animal	5,221	4,888	5,592	7.1	14.4
Whey protein concentrate					
Human ²	35,666	42,225	42,619	19.5	0.9
Animal ²	2,742	575	564	-79.4	-1.9
Total ²	38,408	42,800	43,183	12.4	0.9
25.0-49.9 percent ³	19,366	25,033	25,447	31.4	1.7
50.0-89.9 percent ³	19,042	17,767	17,736	-6.9	-0.2
Whey protein isolates ⁴	5,184	7,489	7,455	43.8	-0.5
Lactose, human and animal	87,938	82,742	92,292	5.0	11.5
Manufacturers' stocks end of month ⁵					
Dry whey products					
Dry whey, human	56,146	58,548	63,130	12.4	7.8
Dry whey, animal	3,434	533	393	-88.6	-26.3
Dry whey, total	59,580	59,081	63,523	6.6	7.5
Reduced Lactose and minerals					
Human and animal ⁶	5,199	7,032	7,601	46.2	8.1
Whey protein concentrate					
Human ²	48,873	47,975	48,433	-0.9	1.0
Animal ²	2,339	1,247	994	-57.5	-20.3
Total ²	51,212	49,222	49,427	-3.5	0.4
25.0-49.9 percent ³	25,586	19,369	21,540	-15.8	11.2
50.0-89.9 percent ³	25,626	29,853	27,887	8.8	-6.6
Whey protein isolates ⁴	9,525	10,830	10,434	9.5	-3.7
Lactose, human and animal	94,268	98,889	108,305	14.9	9.5
	(cents per pound)	(cents per pound)	(cents per pound)	(cents change)	(cents change)
Manufacturers' selling price ⁷					
Dry whey, animal	51.1	36.3	32.9	-18.3	-3.5

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:
December 2012 and 2013**

Product	December 2012	November 2013	December 2013	Change from	
				December 2012	November 2013
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
Production					
Bulk condensed milk					
Skim, unsweetened	106,036	112,570	112,541	6.1	-
Dry milk products					
Dry buttermilk, total	11,657	8,129	10,795	-7.4	32.8
Dry skim milk, animal	716	890	1,131	58.0	27.1
Dry whole milk	4,026	5,344	4,974	23.5	-6.9
Milk protein concentrate, total ¹	9,758	5,525	10,788	10.6	95.3
Nonfat dry milk, human	157,660	100,639	124,944	-20.8	24.2
Skim milk powder, total ²	38,138	56,390	58,136	52.4	3.1
Manufacturers' stocks end-of-month ³					
Dry milk products					
Dry buttermilk, total	18,360	9,506	11,733	-36.1	23.4
Dry skim milk, animal	1,351	2,549	2,285	69.1	-10.4
Dry whole milk	6,772	8,492	7,338	8.4	-13.6
Nonfat dry milk, human	182,901	114,456	133,091	-27.2	16.3
Manufacturers' shipments ⁴					
Dry milk products					
Nonfat dry milk, human	100,591	95,247	99,365	-1.2	4.3

- Represents zero.

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: 2012 and 2013

Product and month	By month			Cumulative		
	2012	2013	Change from 2012	2012	2013	Change from 2012
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
Total cheese						
January	911,942	935,677	2.6	911,942	935,677	2.6
February	861,487	855,778	-0.7	1,773,429	1,791,455	1.0
March	956,196	955,600	-0.1	2,729,625	2,747,055	0.6
April	899,436	930,176	3.4	3,629,061	3,677,231	1.3
May	918,053	950,596	3.5	4,547,114	4,627,827	1.8
June	901,108	909,788	1.0	5,448,222	5,537,615	1.6
July	883,021	909,160	3.0	6,331,243	6,446,775	1.8
August	891,398	935,597	5.0	7,222,641	7,382,372	2.2
September	871,539	890,709	2.2	8,094,180	8,273,081	2.2
October	930,450	970,775	4.3	9,024,630	9,243,856	2.4
November	914,245	926,859	1.4	9,938,875	10,170,715	2.3
December	951,269	972,682	2.3	10,890,144	11,143,397	2.3
Total American cheese types ¹						
January	366,688	376,297	2.6	366,688	376,297	2.6
February	344,565	346,687	0.6	711,253	722,984	1.6
March	378,405	384,584	1.6	1,089,658	1,107,568	1.6
April	364,148	376,768	3.5	1,453,806	1,484,336	2.1
May	367,534	388,381	5.7	1,821,340	1,872,717	2.8
June	360,027	363,520	1.0	2,181,367	2,236,237	2.5
July	356,523	359,571	0.9	2,537,890	2,595,808	2.3
August	353,406	381,026	7.8	2,891,296	2,976,834	3.0
September	348,240	345,751	-0.7	3,239,536	3,322,585	2.6
October	370,184	368,286	-0.5	3,609,720	3,690,871	2.2
November	364,550	352,744	-3.2	3,974,270	4,043,615	1.7
December	384,207	375,856	-2.2	4,358,477	4,419,471	1.4
Cheddar cheese						
January	271,994	280,715	3.2	271,994	280,715	3.2
February	253,013	251,357	-0.7	525,007	532,072	1.3
March	274,776	284,003	3.4	799,783	816,075	2.0
April	264,571	279,219	5.5	1,064,354	1,095,294	2.9
May	268,418	282,191	5.1	1,332,772	1,377,485	3.4
June	259,916	259,172	-0.3	1,592,688	1,636,657	2.8
July	258,839	260,300	0.6	1,851,527	1,896,957	2.5
August	250,895	269,805	7.5	2,102,422	2,166,762	3.1
September	243,606	239,746	-1.6	2,346,028	2,406,508	2.6
October	262,654	267,023	1.7	2,608,682	2,673,531	2.5
November	259,121	251,049	-3.1	2,867,803	2,924,580	2.0
December	278,862	270,944	-2.8	3,146,665	3,195,524	1.6

See footnote(s) at end of table.

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Dairy Products Production by Product and Month – United States: 2012 and 2013 (continued)

Product and month	By month			Cumulative		
	2012	2013	Change from 2012	2012	2013	Change from 2012
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
Total Italian cheese types						
January	400,844	400,094	-0.2	400,844	400,094	-0.2
February	372,265	360,870	-3.1	773,109	760,964	-1.6
March	410,544	413,465	0.7	1,183,653	1,174,429	-0.8
April	385,854	397,630	3.1	1,569,507	1,572,059	0.2
May	391,465	399,879	2.1	1,960,972	1,971,938	0.6
June	379,447	392,737	3.5	2,340,419	2,364,675	1.0
July	369,228	394,351	6.8	2,709,647	2,759,026	1.8
August	372,140	385,390	3.6	3,081,787	3,144,416	2.0
September	368,503	384,397	4.3	3,450,290	3,528,813	2.3
October	388,830	431,729	11.0	3,839,120	3,960,542	3.2
November	384,399	400,880	4.3	4,223,519	4,361,422	3.3
December	410,108	433,268	5.6	4,633,627	4,794,690	3.5
Mozzarella						
January	311,666	311,459	-0.1	311,666	311,459	-0.1
February	291,278	278,934	-4.2	602,944	590,393	-2.1
March	318,490	323,041	1.4	921,434	913,434	-0.9
April	302,218	306,923	1.6	1,223,652	1,220,357	-0.3
May	305,941	312,873	2.3	1,529,593	1,533,230	0.2
June	299,449	308,296	3.0	1,829,042	1,841,526	0.7
July	291,703	307,969	5.6	2,120,745	2,149,495	1.4
August	285,959	296,297	3.6	2,406,704	2,445,792	1.6
September	286,356	299,472	4.6	2,693,060	2,745,264	1.9
October	296,862	332,811	12.1	2,989,922	3,078,075	2.9
November	297,483	307,560	3.4	3,287,405	3,385,635	3.0
December	324,595	335,147	3.3	3,612,000	3,720,782	3.0
Other Italian cheese types						
January	5,552	6,085	9.6	5,552	6,085	9.6
February	5,279	5,571	5.5	10,831	11,656	7.6
March	5,688	6,627	16.5	16,519	18,283	10.7
April	5,470	5,622	2.8	21,989	23,905	8.7
May	6,103	5,883	-3.6	28,092	29,788	6.0
June	7,039	6,135	-12.8	35,131	35,923	2.3
July	5,979	6,128	2.5	41,110	42,051	2.3
August	5,931	6,692	12.8	47,041	48,743	3.6
September	6,149	5,956	-3.1	53,190	54,699	2.8
October	6,340	6,646	4.8	59,530	61,345	3.0
November	5,891	6,448	9.5	65,421	67,793	3.6
December	6,238	6,877	10.2	71,659	74,670	4.2

See footnote(s) at end of table.

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Dairy Products Production by Product and Month – United States: 2012 and 2013 (continued)

Product and month	By month			Cumulative		
	2012	2013	Change from 2012	2012	2013	Change from 2012
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
Butter						
January	181,571	188,079	3.6	181,571	188,079	3.6
February	170,584	173,811	1.9	352,155	361,890	2.8
March	176,287	181,967	3.2	528,442	543,857	2.9
April	169,896	166,937	-1.7	698,338	710,794	1.8
May	164,133	163,360	-0.5	862,471	874,154	1.4
June	137,046	140,764	2.7	999,517	1,014,918	1.5
July	133,581	133,661	0.1	1,133,098	1,148,579	1.4
August	129,531	135,881	4.9	1,262,629	1,284,460	1.7
September	136,299	132,735	-2.6	1,398,928	1,417,195	1.3
October	144,544	146,102	1.1	1,543,472	1,563,297	1.3
November	142,938	142,654	-0.2	1,686,410	1,705,951	1.2
December	173,144	161,114	-6.9	1,859,554	1,867,065	0.4
Nonfat dry milk, human						
January	152,085	142,799	-6.1	152,085	142,799	-6.1
February	171,394	137,674	-19.7	323,479	280,473	-13.3
March	189,227	150,283	-20.6	512,706	430,756	-16.0
April	190,728	160,117	-16.0	703,434	590,873	-16.0
May	193,362	150,531	-22.2	896,796	741,404	-17.3
June	168,394	130,901	-22.3	1,065,190	872,305	-18.1
July	140,169	116,616	-16.8	1,205,359	988,921	-18.0
August	106,014	106,892	0.8	1,311,373	1,095,813	-16.4
September	84,498	74,026	-12.4	1,395,871	1,169,839	-16.2
October	95,064	85,830	-9.7	1,490,935	1,255,669	-15.8
November	115,854	100,639	-13.1	1,606,789	1,356,308	-15.6
December	157,660	124,944	-20.8	1,764,449	1,481,252	-16.1
Skim milk powders ²						
January	40,928	47,980	17.2	40,928	47,980	17.2
February	18,635	43,178	131.7	59,563	91,158	53.0
March	12,638	47,546	276.2	72,201	138,704	92.1
April	18,699	39,751	112.6	90,900	178,455	96.3
May	14,675	54,787	273.3	105,575	233,242	120.9
June	25,366	58,217	129.5	130,941	291,459	122.6
July	37,240	53,131	42.7	168,181	344,590	104.9
August	40,346	55,074	36.5	208,527	399,664	91.7
September	43,620	54,234	24.3	252,147	453,898	80.0
October	45,664	62,402	36.7	297,811	516,300	73.4
November	44,723	56,390	26.1	342,534	572,690	67.2
December	38,138	58,136	52.4	380,672	630,826	65.7

See footnote(s) at end of table.

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Dairy Products Production by Product and Month – United States: 2012 and 2013 (continued)

Product and month	By month			Cumulative		
	2012	2013	Change from 2012	2012	2013	Change from 2012
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
Dry whey, total ³						
January	96,072	90,646	-5.6	96,072	90,646	-5.6
February	89,282	77,077	-13.7	185,354	167,723	-9.5
March	88,011	83,232	-5.4	273,365	250,955	-8.2
April	84,170	81,640	-3.0	357,535	332,595	-7.0
May	86,753	79,300	-8.6	444,288	411,895	-7.3
June	83,400	75,382	-9.6	527,688	487,277	-7.7
July	79,788	76,416	-4.2	607,476	563,693	-7.2
August	78,022	73,121	-6.3	685,498	636,814	-7.1
September	74,185	68,693	-7.4	759,683	705,507	-7.1
October	77,111	71,883	-6.8	836,794	777,390	-7.1
November	72,790	74,718	2.6	909,584	852,108	-6.3
December	89,241	82,111	-8.0	998,825	934,219	-6.5
Lactose, human and animal						
January	86,789	88,654	2.1	86,789	88,654	2.1
February	81,387	78,212	-3.9	168,176	166,866	-0.8
March	90,862	93,187	2.6	259,038	260,053	0.4
April	87,346	89,620	2.6	346,384	349,673	0.9
May	87,529	91,761	4.8	433,913	441,434	1.7
June	88,177	88,544	0.4	522,090	529,978	1.5
July	84,358	85,755	1.7	606,448	615,733	1.5
August	84,124	86,433	2.7	690,572	702,166	1.7
September	85,268	87,239	2.3	775,840	789,405	1.7
October	82,145	88,056	7.2	857,985	877,461	2.3
November	80,203	82,742	3.2	938,188	960,203	2.3
December	87,938	92,292	5.0	1,026,126	1,052,495	2.6
Whey protein concentrate, total						
January	38,844	36,825	-5.2	38,844	36,825	-5.2
February	34,740	34,277	-1.3	73,584	71,102	-3.4
March	39,211	38,919	-0.7	112,795	110,021	-2.5
April	37,090	40,541	9.3	149,885	150,562	0.5
May	36,634	43,155	17.8	186,519	193,717	3.9
June	38,553	41,903	8.7	225,072	235,620	4.7
July	33,874	40,051	18.2	258,946	275,671	6.5
August	35,050	38,872	10.9	293,996	314,543	7.0
September	35,858	38,696	7.9	329,854	353,239	7.1
October	37,003	47,807	29.2	366,857	401,046	9.3
November	35,819	42,800	19.5	402,676	443,846	10.2
December	38,408	43,183	12.4	441,084	487,029	10.4

See footnote(s) at end of table.

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Dairy Products Production by Product and Month – United States: 2012 and 2013 (continued)

Product and month	By month			Cumulative		
	2012	2013	Change from 2012	2012	2013	Change from 2012
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
Cottage cheese, cream						
January	26,777	27,639	3.2	26,777	27,639	3.2
February	26,590	24,993	-6.0	53,367	52,632	-1.4
March	26,866	26,762	-0.4	80,233	79,394	-1.0
April	25,761	25,202	-2.2	105,994	104,596	-1.3
May	28,633	27,007	-5.7	134,627	131,603	-2.2
June	26,748	23,108	-13.6	161,375	154,711	-4.1
July	28,882	27,459	-4.9	190,257	182,170	-4.3
August	30,398	28,145	-7.4	220,655	210,315	-4.7
September	26,598	25,818	-2.9	247,253	236,133	-4.5
October	27,286	26,589	-2.6	274,539	262,722	-4.3
November	24,918	24,002	-3.7	299,457	286,724	-4.3
December	23,771	23,931	0.7	323,228	310,655	-3.9
Cottage cheese, lowfat						
January	33,366	33,423	0.2	33,366	33,423	0.2
February	32,367	30,740	-5.0	65,733	64,163	-2.4
March	32,601	32,736	0.4	98,334	96,899	-1.5
April	31,707	32,850	3.6	130,041	129,749	-0.2
May	35,113	32,766	-6.7	165,154	162,515	-1.6
June	31,557	27,904	-11.6	196,711	190,419	-3.2
July	32,440	32,701	0.8	229,151	223,120	-2.6
August	36,728	33,232	-9.5	265,879	256,352	-3.6
September	31,571	31,284	-0.9	297,450	287,636	-3.3
October	33,089	31,441	-5.0	330,539	319,077	-3.5
November	27,990	27,678	-1.1	358,529	346,755	-3.3
December	27,582	27,696	0.4	386,111	374,451	-3.0
Sour cream						
January	103,114	107,887	4.6	103,114	107,887	4.6
February	97,924	94,963	-3.0	201,038	202,850	0.9
March	108,557	105,081	-3.2	309,595	307,931	-0.5
April	97,091	97,992	0.9	406,686	405,923	-0.2
May	109,795	109,676	-0.1	516,481	515,599	-0.2
June	105,316	101,245	-3.9	621,797	616,844	-0.8
July	101,510	104,424	2.9	723,307	721,268	-0.3
August	109,505	108,995	-0.5	832,812	830,263	-0.3
September	98,012	100,773	2.8	930,824	931,036	0.0
October	116,388	117,603	1.0	1,047,212	1,048,639	0.1
November	124,377	121,313	-2.5	1,171,589	1,169,952	-0.1
December	109,856	116,211	5.8	1,281,445	1,286,163	0.4

See footnote(s) at end of table.

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Dairy Products Production by Product and Month – United States: 2012 and 2013 (continued)

Product and month	By month			Cumulative		
	2012	2013	Change from 2012	2012	2013	Change from 2012
	(1,000 gallons)	(1,000 gallons)	(percent)	(1,000 gallons)	(1,000 gallons)	(percent)
Ice cream, regular hard						
January	56,490	56,053	-0.8	56,490	56,053	-0.8
February	63,707	62,411	-2.0	120,197	118,464	-1.4
March	73,172	70,197	-4.1	193,369	188,661	-2.4
April	70,485	72,170	2.4	263,854	260,831	-1.1
May	77,726	77,710	-	341,580	338,541	-0.9
June	81,070	79,634	-1.8	422,650	418,175	-1.1
July	75,189	77,126	2.6	497,839	495,301	-0.5
August	76,083	72,349	-4.9	573,922	567,650	-1.1
September	60,133	63,275	5.2	634,055	630,925	-0.5
October	65,323	64,797	-0.8	699,378	695,722	-0.5
November	54,110	51,990	-3.9	753,488	747,712	-0.8
December	48,377	43,074	-11.0	801,865	790,786	-1.4
Ice cream, lowfat total						
January	32,985	28,498	-13.6	32,985	28,498	-13.6
February	37,414	32,109	-14.2	70,399	60,607	-13.9
March	46,872	40,459	-13.7	117,271	101,066	-13.8
April	44,490	38,556	-13.3	161,761	139,622	-13.7
May	47,511	42,894	-9.7	209,272	182,516	-12.8
June	45,949	41,492	-9.7	255,221	224,008	-12.2
July	43,934	41,305	-6.0	299,155	265,313	-11.3
August	43,417	37,767	-13.0	342,572	303,080	-11.5
September	35,333	31,522	-10.8	377,905	334,602	-11.5
October	35,790	28,711	-19.8	413,695	363,313	-12.2
November	27,543	24,786	-10.0	441,238	388,099	-12.0
December	25,352	21,739	-14.3	466,590	409,838	-12.2
Sherbet, hard						
January	3,078	2,996	-2.7	3,078	2,996	-2.7
February	3,303	3,298	-0.2	6,381	6,294	-1.4
March	4,417	4,408	-0.2	10,798	10,702	-0.9
April	4,023	4,375	8.7	14,821	15,077	1.7
May	3,861	4,566	18.3	18,682	19,643	5.1
June	3,872	4,570	18.0	22,554	24,213	7.4
July	3,996	4,165	4.2	26,550	28,378	6.9
August	3,788	3,752	-1.0	30,338	32,130	5.9
September	3,217	2,929	-9.0	33,555	35,059	4.5
October	2,910	3,309	13.7	36,465	38,368	5.2
November	2,462	2,517	2.2	38,927	40,885	5.0
December	2,868	2,186	-23.8	41,795	43,071	3.1

See footnote(s) at end of table.

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Dairy Products Production by Product and Month – United States: 2012 and 2013 (continued)

Product and month	By month			Cumulative		
	2012	2013	Change from 2012	2012	2013	Change from 2012
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
Yogurt, plain and flavored						
January	384,125	394,753	2.8	384,125	394,753	2.8
February	364,344	359,285	-1.4	748,469	754,038	0.7
March	403,718	419,600	3.9	1,152,187	1,173,638	1.9
April	349,245	378,118	8.3	1,501,432	1,551,756	3.4
May	367,658	403,056	9.6	1,869,090	1,954,812	4.6
June	366,999	377,804	2.9	2,236,089	2,332,616	4.3
July	355,173	401,601	13.1	2,591,262	2,734,217	5.5
August	386,947	416,880	7.7	2,978,209	3,151,097	5.8
September	400,751	424,782	6.0	3,378,960	3,575,879	5.8
October	365,073	367,013	0.5	3,744,033	3,942,892	5.3
November	310,690	326,798	5.2	4,054,723	4,269,690	5.3
December	360,854	378,706	4.9	4,415,577	4,648,396	5.3
	(1,000 gallons)	(1,000 gallons)	(percent)	(1,000 gallons)	(1,000 gallons)	(percent)
Frozen yogurt, total						
January	5,461	3,648	-33.2	5,461	3,648	-33.2
February	6,721	5,757	-14.3	12,182	9,405	-22.8
March	6,682	6,400	-4.2	18,864	15,805	-16.2
April	6,512	7,153	9.8	25,376	22,958	-9.5
May	7,144	7,478	4.7	32,520	30,436	-6.4
June	7,816	7,148	-8.5	40,336	37,584	-6.8
July	6,513	6,519	0.1	46,849	44,103	-5.9
August	7,235	6,191	-14.4	54,084	50,294	-7.0
September	5,144	5,117	-0.5	59,228	55,411	-6.4
October	5,409	5,358	-0.9	64,637	60,769	-6.0
November	4,842	4,455	-8.0	69,479	65,224	-6.1
December	4,520	4,397	-2.7	73,999	69,621	-5.9

- Represents zero.

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:
December 2012 and 2013**

State	December 2012	November 2013	December 2013	Change from	
				December 2012	November 2013
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	194,926	194,313	202,062	3.7	4.0
Idaho	75,529	69,191	77,469	2.6	12.0
Illinois	6,298	5,588	5,889	-6.5	5.4
Iowa	23,382	22,387	23,039	-1.5	2.9
Minnesota	57,500	53,454	60,315	4.9	12.8
New Mexico	64,216	62,602	65,898	2.6	5.3
New York	67,266	78,625	80,568	19.8	2.5
Ohio	17,003	17,004	17,097	0.6	0.5
Pennsylvania	35,802	32,020	37,787	5.5	18.0
South Dakota	22,662	21,950	22,082	-2.6	0.6
Vermont	11,091	9,525	10,391	-6.3	9.1
Wisconsin	244,476	233,613	240,907	-1.5	3.1
Other States ¹	131,118	126,587	129,178	-1.5	2.0
United States	951,269	926,859	972,682	2.3	4.9
Atlantic	123,602	129,451	137,613	11.3	6.3
Central	430,163	404,889	421,858	-1.9	4.2
West	397,504	392,519	413,211	4.0	5.3

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

American Cheese Production – States and United States: December 2012 and 2013

State	December 2012	November 2013	December 2013	Change from	
				December 2012	November 2013
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	51,946	46,870	52,824	1.7	12.7
Idaho	50,548	49,627	47,716	-5.6	-3.9
Iowa	17,637	16,307	16,871	-4.3	3.5
Oregon	15,974	15,632	16,362	2.4	4.7
Wisconsin	73,410	63,656	67,446	-8.1	6.0
Other States ¹	174,692	160,652	174,637	-	8.7
United States	384,207	352,744	375,856	-2.2	6.6
Atlantic	17,305	17,337	17,366	0.4	0.2
Central	190,784	170,015	184,890	-3.1	8.7
West	176,118	165,392	173,600	-1.4	5.0

- Represents zero.

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

Cheddar Cheese Production – States and United States: December 2012 and 2013

State	December 2012	November 2013	December 2013	Change from	
				December 2012	November 2013
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	32,000	27,724	32,322	1.0	16.6
Idaho	37,445	36,226	34,048	-9.1	-6.0
Iowa	11,833	9,543	10,477	-11.5	9.8
Minnesota	48,622	45,796	52,642	8.3	14.9
Wisconsin	52,020	41,132	44,800	-13.9	8.9
Other States ¹	96,942	90,628	96,655	-0.3	6.7
United States	278,862	251,049	270,944	-2.8	7.9
Atlantic	17,155	16,417	17,264	0.6	5.2
Central	133,627	118,302	131,705	-1.4	11.3
West	128,080	116,330	121,975	-4.8	4.9

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: December 2012 and 2013

State	December 2012	November 2013	December 2013	Change from	
				December 2012	November 2013
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	121,966	125,227	129,614	6.3	3.5
Idaho	20,162	14,297	24,310	20.6	70.0
New York	32,211	38,810	43,553	35.2	12.2
Pennsylvania	23,076	17,491	25,114	8.8	43.6
Wisconsin	125,586	119,003	124,003	-1.3	4.2
Other States ¹	87,107	86,052	86,674	-0.5	0.7
United States	410,108	400,880	433,268	5.6	8.1
Atlantic	62,616	63,590	75,783	21.0	19.2
Central	165,707	153,301	157,598	-4.9	2.8
West	181,785	183,989	199,887	10.0	8.6

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

Mozzarella Cheese Production – States and United States: December 2012 and 2013

State	December 2012	November 2013	December 2013	Change from	
				December 2012	November 2013
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	115,858	117,655	119,345	3.0	1.4
Idaho	17,971	12,983	22,166	23.3	70.7
New York	16,804	13,660	17,544	4.4	28.4
Wisconsin	86,500	79,350	83,500	-3.5	5.2
Other States ¹	87,462	83,912	92,592	5.9	10.3
United States	324,595	307,560	335,147	3.3	9.0
Atlantic	40,410	30,838	42,277	4.6	37.1
Central	112,298	102,823	107,338	-4.4	4.4
West	171,887	173,899	185,532	7.9	6.7

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

Butter Production – States and United States: December 2012 and 2013

State	December 2012	November 2013	December 2013	Change from	
				December 2012	November 2013
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	57,057	49,466	57,769	1.2	16.8
Other States ¹	116,087	93,188	103,345	-11.0	10.9
United States	173,144	142,654	161,114	-6.9	12.9
Atlantic	17,550	12,860	16,514	-5.9	28.4
Central	69,465	56,641	60,106	-13.5	6.1
West	86,129	73,153	84,494	-1.9	15.5

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: December 2012 and 2013

State	December 2012	November 2013	December 2013	Change from	
				December 2012	November 2013
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	65,887	35,558	47,401	-28.1	33.3
Other States ¹	91,773	65,081	77,543	-15.5	19.1
United States	157,660	100,639	124,944	-20.8	24.2
Atlantic	20,611	15,764	18,790	-8.8	19.2
Central	27,347	15,868	19,102	-30.1	20.4
West	109,702	69,007	87,052	-20.6	26.1

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: December 2012 and 2013

State	December 2012	November 2013	December 2013	Change from	
				December 2012	November 2013
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
New York	11,639	11,071	9,599	-17.5	-13.3
Wisconsin	24,811	21,816	24,256	-2.2	11.2
Other States ¹	48,320	40,916	47,444	-1.8	16.0
United States	84,770	73,803	81,299	-4.1	10.2
Atlantic	21,215	18,377	19,863	-6.4	8.1
Central	39,702	31,763	35,586	-10.4	12.0
West	23,853	23,663	25,850	8.4	9.2

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: December 2012 and 2013

State	December 2012	November 2013	December 2013	Change from	
				December 2012	November 2013
	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(percent)	(percent)
California	7,149	8,471	4,324	-39.5	-49.0
Missouri	1,066	1,192	942	-11.6	-21.0
Oregon	695	929	691	-0.6	-25.6
Wisconsin	1,750	1,258	1,556	-11.1	23.7
Other States ¹	37,717	40,140	35,561	-5.7	-11.4
United States	48,377	51,990	43,074	-11.0	-17.1
Atlantic	10,628	10,629	8,293	-22.0	-22.0
Central	27,212	28,799	27,024	-0.7	-6.2
West	10,537	12,562	7,757	-26.4	-38.3

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 2012, there were 1,288 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 Field Office (FO), 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 field office summarizes data at the 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 FO and ASB review, plants are sometimes contacted again for further verification of numbers reported. After ASB review, FO 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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