



Dairy Products

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October 2013 Highlights

Total cheese output (excluding cottage cheese) was 950 million pounds, 2.1 percent above October 2012 and 6.7 percent above September 2013.

Italian type cheese production totaled 411 million pounds, 5.7 percent above October 2012 and 6.9 percent above September 2013.

American type cheese production totaled 368 million pounds, 0.6 percent below October 2012 but 6.4 percent above September 2013.

Butter production was 146 million pounds, 1.2 percent above October 2012 and 10.2 percent above September 2013.

Dry milk powders (comparisons with October 2012)

Nonfat dry milk, human - 85.5 million pounds, down 10.1 percent.

Skim milk powders - 62.4 million pounds, up 36.7 percent.

Whey products (comparisons with October 2012)

Dry whey, total - 72.7 million pounds, down 5.7 percent.

Lactose, human and animal - 88.8 million pounds, up 8.0 percent.

Whey protein concentrate, total - 44.7 million pounds, up 20.9 percent.

Frozen products (comparisons with October 2012)

Ice cream, regular (hard) - 64.7 million gallons, down 0.9 percent.

Ice cream, lowfat (total) - 28.2 million gallons, down 21.1 percent.

Sherbet (hard) - 3.25 million gallons, up 11.6 percent.

Frozen yogurt (total) - 5.39 million gallons, down 0.4 percent.

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

Product	October 2012	September 2013	October 2013	Change from	
				October 2012	September 2013
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
Butter	144,544	132,735	146,222	1.2	10.2
Cheese					
American types ¹	370,184	345,751	367,827	-0.6	6.4
Cheddar	262,654	239,746	266,746	1.6	11.3
Other American types	107,530	106,005	101,081	-6.0	-4.6
Blue and Gorgonzola	7,283	7,666	8,012	10.0	4.5
Brick and Muenster	14,061	14,036	15,929	13.3	13.5
Cream and Neufchatel	79,777	73,544	78,121	-2.1	6.2
Feta	8,323	8,602	9,185	10.4	6.8
Gouda	2,788	3,050	3,313	18.8	8.6
Hispanic	19,907	20,803	20,947	5.2	0.7
Italian types	388,830	384,397	410,876	5.7	6.9
Mozzarella	296,862	299,472	319,583	7.7	6.7
Parmesan	25,983	25,157	26,258	1.1	4.4
Provolone	30,988	28,750	31,157	0.5	8.4
Ricotta	24,719	21,075	23,374	-5.4	10.9
Romano	3,938	3,987	4,221	7.2	5.9
Other Italian types	6,340	5,956	6,283	-0.9	5.5
Swiss	26,823	22,805	24,253	-9.6	6.3
All other types	12,474	10,055	11,618	-6.9	15.5
Total cheese	930,450	890,709	950,081	2.1	6.7
Cottage cheese, curd ²	35,002	32,706	33,034	-5.6	1.0
Cottage cheese, cream ³	27,286	25,818	26,861	-1.6	4.0
Cottage cheese, lowfat ⁴	33,089	31,284	31,493	-4.8	0.7
Sour cream	116,388	100,773	117,704	1.1	16.8
Yogurt, plain and flavored	365,073	424,782	373,674	2.4	-12.0
	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(percent)	(percent)
Frozen products					
Ice cream, regular, hard	65,323	63,275	64,705	-0.9	2.3
Ice cream, lowfat, hard	14,843	14,504	13,945	-6.0	-3.9
Ice cream, lowfat, soft	20,947	17,018	14,289	-31.8	-16.0
Ice cream, lowfat, total	35,790	31,522	28,234	-21.1	-10.4
Ice cream, nonfat, hard	778	727	938	20.6	29.0
Sherbet, hard	2,910	2,929	3,247	11.6	10.9
Frozen yogurt, total	5,409	5,117	5,387	-0.4	5.3
Regular and lowfat, hard	1,718	2,152	2,546	48.2	18.3
Nonfat, hard	542	415	517	-4.6	24.6
Other frozen dairy products	959	1,076	929	-3.1	-13.7
Water and juice ices	3,914	3,638	3,855	-1.5	6.0
Mix for frozen products					
Ice cream, regular, mix	36,462	36,013	36,436	-0.1	1.2
Ice cream, lowfat, mix	18,318	17,824	15,896	-13.2	-10.8
Ice cream, nonfat, mix	557	610	709	27.3	16.2
Sherbet mix	1,920	1,751	1,984	3.3	13.3
Yogurt mix	2,903	3,101	3,265	12.5	5.3

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:
October 2012 and 2013**

Product	October 2012	September 2013	October 2013	Change from	
				October 2012	September 2013
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
Condensed whey, solids content ¹					
Sweet-type, human	8,506	7,572	8,379	-1.5	10.7
Dry whey products					
Dry whey, human	73,377	66,303	71,511	-2.5	7.9
Dry whey, animal	3,734	2,390	1,220	-67.3	-49.0
Dry whey, total	77,111	68,693	72,731	-5.7	5.9
Reduced lactose and minerals					
Human	2,241	1,069	2,393	6.8	123.9
Animal	4,938	4,682	5,079	2.9	8.5
Whey protein concentrate					
Human ²	34,798	37,220	41,208	18.4	10.7
Animal ²	2,205	1,476	3,540	60.5	139.8
Total ²	37,003	38,696	44,748	20.9	15.6
25.0-49.9 percent ³	20,066	20,076	25,238	25.8	25.7
50.0-89.9 percent ³	16,937	18,620	19,510	15.2	4.8
Whey protein isolates ⁴	5,578	6,982	7,371	32.1	5.6
Lactose, human and animal	82,145	87,239	88,754	8.0	1.7
Manufacturers' stocks end of month ⁵					
Dry whey products					
Dry whey, human	37,323	54,834	51,692	38.5	-5.7
Dry whey, animal	2,639	2,900	1,298	-50.8	-55.2
Dry whey, total	39,962	57,734	52,990	32.6	-8.2
Reduced Lactose and minerals					
Human and animal ⁶	6,506	6,462	6,522	0.2	0.9
Whey protein concentrate					
Human ²	53,845	47,093	53,388	-0.8	13.4
Animal ²	2,679	1,819	1,275	-52.4	-29.9
Total ²	56,524	48,912	54,663	-3.3	11.8
25.0-49.9 percent ³	31,531	17,716	19,759	-37.3	11.5
50.0-89.9 percent ³	24,993	31,196	34,904	39.7	11.9
Whey protein isolates ⁴	8,627	9,766	10,449	21.1	7.0
Lactose, human and animal	88,555	87,328	93,389	5.5	6.9
	(cents per pound)	(cents per pound)	(cents per pound)	(cents change)	(cents change)
Manufacturers' selling price ⁷					
Dry whey, animal	40.8	54.1	46.3	5.5	-7.8

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:
October 2012 and 2013**

Product	October 2012	September 2013	October 2013	Change from	
				October 2012	September 2013
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
Production					
Bulk condensed milk					
Skim, unsweetened	134,448	121,993	119,844	-10.9	-1.8
Dry milk products					
Dry buttermilk, total	8,595	6,828	8,462	-1.5	23.9
Dry skim milk, animal	704	881	838	19.0	-4.9
Dry whole milk	5,453	4,741	7,626	39.8	60.9
Milk protein concentrate, total ¹	5,980	5,502	6,614	10.6	20.2
Nonfat dry milk, human	95,064	74,026	85,476	-10.1	15.5
Skim milk powder, total ²	45,664	54,234	62,402	36.7	15.1
Manufacturers' stocks end-of-month ³					
Dry milk products					
Dry buttermilk, total	9,859	7,767	9,113	-7.6	17.3
Dry skim milk, animal	2,539	1,773	2,129	-16.1	20.1
Dry whole milk	5,708	7,081	8,817	54.5	24.5
Nonfat dry milk, human	104,239	145,176	111,379	6.8	-23.3
Manufacturers' shipments ⁴					
Dry milk products					
Nonfat dry milk, human	96,944	107,002	112,254	15.8	4.9

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

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

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	950,081	2.1	9,024,630	9,223,162	2.2
November	914,245			9,938,875		
December	951,269			10,890,144		
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	367,827	-0.6	3,609,720	3,690,412	2.2
November	364,550			3,974,270		
December	384,207			4,358,477		
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	266,746	1.6	2,608,682	2,673,254	2.5
November	259,121			2,867,803		
December	278,862			3,146,665		

See footnote(s) at end of table.

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

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

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	410,876	5.7	3,839,120	3,939,689	2.6
November	384,399			4,223,519		
December	410,108			4,633,627		
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	319,583	7.7	2,989,922	3,064,847	2.5
November	297,483			3,287,405		
December	324,595			3,612,000		
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	6,283	-0.9	59,530	60,982	2.4
November	5,891			65,421		
December	6,238			71,659		

See footnote(s) at end of table.

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

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

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	146,222	1.2	1,543,472	1,563,417	1.3
November	142,938			1,686,410		
December	173,144			1,859,554		
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	85,476	-10.1	1,490,935	1,255,315	-15.8
November	115,854			1,606,789		
December	157,660			1,764,449		
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			342,534		
December	38,138			380,672		

See footnote(s) at end of table.

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

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

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	72,731	-5.7	836,794	778,238	-7.0
November	72,790			909,584		
December	89,241			998,825		
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	88,754	8.0	857,985	878,159	2.4
November	80,203			938,188		
December	87,938			1,026,126		
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	44,748	20.9	366,857	397,987	8.5
November	35,819			402,676		
December	38,408			441,084		

See footnote(s) at end of table.

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

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

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	26,861	-1.6	274,539	262,994	-4.2
November	24,918			299,457		
December	23,771			323,228		
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	31,493	-4.8	330,539	319,129	-3.5
November	27,990			358,529		
December	27,582			386,111		
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	0.1
October	116,388	117,704	1.1	1,047,212	1,048,740	0.1
November	124,377			1,171,589		
December	109,856			1,281,445		

See footnote(s) at end of table.

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

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

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	64,705	-0.9	699,378	695,630	-0.5
November	54,110			753,488		
December	48,377			801,865		
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	28,234	-21.1	413,695	362,836	-12.3
November	27,543			441,238		
December	25,352			466,590		
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	3,247	11.6	36,465	38,306	5.0
November	2,462			38,927		
December	2,868			41,795		

See footnote(s) at end of table.

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

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

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	373,674	2.4	3,744,033	3,949,553	5.5
November	310,690			4,054,723		
December	360,854			4,415,577		
	(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	5,387	-0.4	64,637	60,798	-5.9
November	4,842			69,479		
December	4,520			73,999		

- 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:
October 2012 and 2013**

State	October 2012	September 2013	October 2013	Change from	
				October 2012	September 2013
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	184,104	185,646	194,546	5.7	4.8
Idaho	74,512	73,047	72,530	-2.7	-0.7
Illinois	6,230	5,233	5,752	-7.7	9.9
Iowa	21,608	19,422	21,794	0.9	12.2
Minnesota	51,748	51,007	55,234	6.7	8.3
New Mexico	64,605	56,772	66,152	2.4	16.5
New York	67,892	65,490	69,266	2.0	5.8
Ohio	17,461	15,857	17,247	-1.2	8.8
Pennsylvania	32,325	33,924	38,423	18.9	13.3
South Dakota	23,718	22,069	22,872	-3.6	3.6
Vermont	11,803	9,804	9,500	-19.5	-3.1
Wisconsin	238,710	232,936	243,507	2.0	4.5
Other States ¹	135,734	119,502	133,258	-1.8	11.5
United States	930,450	890,709	950,081	2.1	6.7
Atlantic	121,472	117,760	125,409	3.2	6.5
Central	421,463	397,173	422,642	0.3	6.4
West	387,515	375,776	402,030	3.7	7.0

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

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

State	October 2012	September 2013	October 2013	Change from	
				October 2012	September 2013
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	49,491	48,937	48,959	-1.1	-
Idaho	54,385	48,067	50,805	-6.6	5.7
Iowa	16,098	12,553	14,446	-10.3	15.1
Oregon	16,972	15,663	16,994	0.1	8.5
Wisconsin	68,750	63,198	68,100	-0.9	7.8
Other States ¹	164,488	157,333	168,523	2.5	7.1
United States	370,184	345,751	367,827	-0.6	6.4
Atlantic	16,032	17,014	17,181	7.2	1.0
Central	174,036	159,499	174,641	0.3	9.5
West	180,116	169,238	176,005	-2.3	4.0

- 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: October 2012 and 2013

State	October 2012	September 2013	October 2013	Change from	
				October 2012	September 2013
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	25,898	24,414	27,421	5.9	12.3
Idaho	41,230	34,909	38,357	-7.0	9.9
Iowa	10,406	6,594	8,355	-19.7	26.7
Minnesota	42,155	42,297	45,927	8.9	8.6
Wisconsin	46,596	41,645	45,000	-3.4	8.1
Other States ¹	96,369	89,887	101,686	5.5	13.1
United States	262,654	239,746	266,746	1.6	11.3
Atlantic	15,877	16,850	17,033	7.3	1.1
Central	123,197	108,529	120,166	-2.5	10.7
West	123,580	114,367	129,547	4.8	13.3

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

Total Italian Cheese Production – States and United States: October 2012 and 2013

State	October 2012	September 2013	October 2013	Change from	
				October 2012	September 2013
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	117,297	118,059	126,239	7.6	6.9
Idaho	16,047	20,625	17,095	6.5	-17.1
New York	32,612	30,113	31,148	-4.5	3.4
Pennsylvania	17,887	21,087	23,027	28.7	9.2
Wisconsin	119,524	118,362	121,715	1.8	2.8
Other States ¹	85,463	76,151	91,652	7.2	20.4
United States	388,830	384,397	410,876	5.7	6.9
Atlantic	58,236	57,993	60,604	4.1	4.5
Central	159,363	156,363	162,218	1.8	3.7
West	171,231	170,041	188,054	9.8	10.6

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

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

State	October 2012	September 2013	October 2013	Change from	
				October 2012	September 2013
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	105,790	106,102	115,200	8.9	8.6
Idaho	13,923	18,106	15,079	8.3	-16.7
New York	15,845	15,984	14,523	-8.3	-9.1
Wisconsin	79,204	82,081	81,412	2.8	-0.8
Other States ¹	82,100	77,199	93,369	13.7	20.9
United States	296,862	299,472	319,583	7.7	6.7
Atlantic	34,758	37,637	38,120	9.7	1.3
Central	106,276	107,745	108,141	1.8	0.4
West	155,828	154,090	173,322	11.2	12.5

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

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

State	October 2012	September 2013	October 2013	Change from	
				October 2012	September 2013
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	47,745	45,116	50,869	6.5	12.8
Other States ¹	96,799	87,619	95,353	-1.5	8.8
United States	144,544	132,735	146,222	1.2	10.2
Atlantic	11,347	10,381	11,169	-1.6	7.6
Central	60,253	53,027	59,438	-1.4	12.1
West	72,944	69,327	75,615	3.7	9.1

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: October 2012 and 2013

State	October 2012	September 2013	October 2013	Change from	
				October 2012	September 2013
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	38,491	32,136	33,336	-13.4	3.7
Other States ¹	56,573	41,890	52,140	-7.8	24.5
United States	95,064	74,026	85,476	-10.1	15.5
Atlantic	7,683	8,872	11,763	53.1	32.6
Central	17,153	11,426	13,379	-22.0	17.1
West	70,228	53,728	60,334	-14.1	12.3

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: October 2012 and 2013

State	October 2012	September 2013	October 2013	Change from	
				October 2012	September 2013
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
New York	12,217	8,845	12,662	3.6	43.2
Wisconsin	23,806	23,056	21,995	-7.6	-4.6
Other States ¹	37,354	34,402	36,854	-1.3	7.1
United States	73,377	66,303	71,511	-2.5	7.9
Atlantic	20,082	17,636	22,982	14.4	30.3
Central	36,857	33,376	33,039	-10.4	-1.0
West	16,438	15,291	15,490	-5.8	1.3

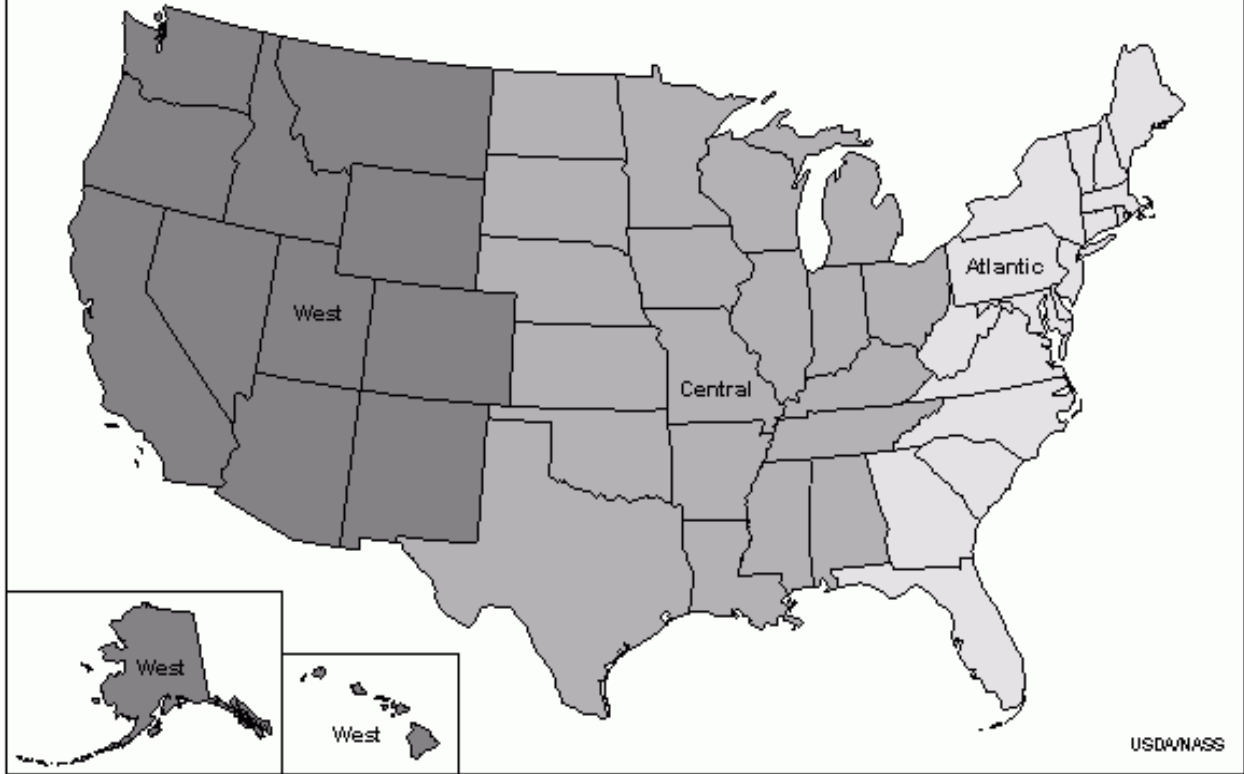
¹ States not shown when fewer than 3 plants reported or individual plant operations could be disclosed.

Ice Cream, Regular (Hard) Production – States and United States: October 2012 and 2013

State	October 2012	September 2013	October 2013	Change from	
				October 2012	September 2013
	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(percent)	(percent)
California	11,631	11,552	11,699	0.6	1.3
Missouri	2,512	1,158	1,613	-35.8	39.3
Oregon	943	978	938	-0.5	-4.1
Wisconsin	1,717	1,399	1,454	-15.3	3.9
Other States ¹	48,520	48,188	49,001	1.0	1.7
United States	65,323	63,275	64,705	-0.9	2.3
Atlantic	14,181	11,906	12,297	-13.3	3.3
Central	34,371	34,612	35,496	3.3	2.6
West	16,771	16,757	16,912	0.8	0.9

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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