



Dairy Products

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May 2014 Highlights

Total cheese output (excluding cottage cheese) was 965 million pounds, 2.2 percent above May 2013 and 1.3 percent above April 2014.

Italian type cheese production totaled 414 million pounds, 5.1 percent above May 2013 but 0.4 percent below April 2014.

American type cheese production totaled 391 million pounds, 1.0 percent above May 2013 and 3.9 percent above April 2014.

Butter production was 165 million pounds, 0.5 percent above May 2013 but 0.7 percent below April 2014.

Dry milk powders (comparisons with May 2013)

Nonfat dry milk, human - 164 million pounds, up 8.7 percent.

Skim milk powders - 58.2 million pounds, up 6.2 percent.

Whey products (comparisons with May 2013)

Dry whey, total - 81.3 million pounds, up 2.0 percent.

Lactose, human and animal - 97.3 million pounds, up 11.6 percent.

Whey protein concentrate, total - 48.2 million pounds, up 11.1 percent.

Frozen products (comparisons with May 2013)

Ice cream, regular (hard) - 69.9 million gallons, down 8.9 percent.

Ice cream, lowfat (total) - 39.2 million gallons, down 7.8 percent.

Sherbet (hard) - 3.62 million gallons, down 21.6 percent.

Frozen yogurt (total) - 6.52 million gallons, down 25.6 percent.

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Dairy Products Production by Product – United States: May 2013 and 2014

Product	May 2013	April 2014	May 2014	Change from	
				May 2013	April 2014
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
Butter	163,785	165,753	164,618	0.5	-0.7
Cheese					
American types ¹	387,521	376,785	391,432	1.0	3.9
Cheddar	281,236	282,664	288,313	2.5	2.0
Other American types	106,285	94,121	103,119	-3.0	9.6
Blue and Gorgonzola	9,318	8,236	7,931	-14.9	-3.7
Brick and Muenster	15,309	13,716	14,857	-3.0	8.3
Cream and Neufchatel	64,764	68,190	63,535	-1.9	-6.8
Feta	9,299	9,601	9,801	5.4	2.1
Gouda	3,770	3,601	5,222	38.5	45.0
Hispanic	20,011	19,745	20,795	3.9	5.3
Italian types	393,568	415,377	413,690	5.1	-0.4
Mozzarella	307,050	329,865	328,894	7.1	-0.3
Parmesan	28,116	25,042	26,611	-5.4	6.3
Provolone	30,780	30,544	31,351	1.9	2.6
Ricotta	18,566	19,822	17,271	-7.0	-12.9
Romano	3,716	3,808	3,612	-2.8	-5.1
Other Italian types	5,340	6,296	5,951	11.4	-5.5
Swiss	26,455	25,367	26,565	0.4	4.7
All other types	13,748	12,088	11,127	-19.1	-8.0
Total cheese	943,763	952,706	964,955	2.2	1.3
Cottage cheese, curd ²	31,378	30,880	29,754	-5.2	-3.6
Cottage cheese, cream ³	25,984	24,503	24,138	-7.1	-1.5
Cottage cheese, lowfat ⁴	31,039	28,856	28,858	-7.0	-
Sour cream	91,901	87,372	91,319	-0.6	4.5
Yogurt, plain and flavored	404,040	397,716	406,931	0.7	2.3
	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(percent)	(percent)
Frozen products					
Ice cream, regular, hard	76,786	68,714	69,947	-8.9	1.8
Ice cream, lowfat, hard	20,513	19,267	17,872	-12.9	-7.2
Ice cream, lowfat, soft	22,021	19,894	21,350	-3.0	7.3
Ice cream, lowfat, total	42,534	39,161	39,222	-7.8	0.2
Ice cream, nonfat, hard	1,230	925	1,029	-16.3	11.2
Sherbet, hard	4,613	4,042	3,617	-21.6	-10.5
Frozen yogurt, total	8,763	6,052	6,522	-25.6	7.8
Regular and lowfat, hard	3,643	2,212	2,290	-37.1	3.5
Nonfat, hard	1,713	885	890	-48.0	0.6
Other frozen dairy products	1,027	1,174	1,168	13.7	-0.5
Water and juice ices	6,297	5,892	6,158	-2.2	4.5
Mix for frozen products					
Ice cream, regular, mix	44,483	40,723	42,489	-4.5	4.3
Ice cream, lowfat, mix	25,264	22,053	22,191	-12.2	0.6
Ice cream, nonfat, mix	770	648	767	-0.4	18.4
Sherbet mix	2,578	2,487	2,307	-10.5	-7.2
Yogurt mix	4,091	3,668	3,953	-3.4	7.8

- Represents zero.

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:
May 2013 and 2014**

Product	May 2013	April 2014	May 2014	Change from	
				May 2013	April 2014
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
Condensed whey, solids content ¹					
Sweet-type, human	6,880	7,188	8,666	26.0	20.6
Dry whey products					
Dry whey, human	75,713	74,361	79,923	5.6	7.5
Dry whey, animal	3,941	1,393	1,338	-66.0	-3.9
Dry whey, total	79,654	75,754	81,261	2.0	7.3
Reduced lactose and minerals					
Human	2,687	1,589	1,921	-28.5	20.9
Animal	5,485	6,138	6,948	26.7	13.2
Whey protein concentrate					
Human ²	42,255	45,214	47,323	12.0	4.7
Animal ²	1,136	511	893	-21.4	74.8
Total ²	43,391	45,725	48,216	11.1	5.4
25.0-49.9 percent ³	21,225	24,717	26,555	25.1	7.4
50.0-89.9 percent ³	22,166	21,008	21,661	-2.3	3.1
Whey protein isolates ⁴	6,984	6,612	6,944	-0.6	5.0
Lactose, human and animal	87,184	91,677	97,296	11.6	6.1
Manufacturers' stocks end of month ⁵					
Dry whey products					
Dry whey, human	63,314	56,421	62,936	-0.6	11.5
Dry whey, animal	2,301	554	513	-77.7	-7.4
Dry whey, total	65,615	56,975	63,449	-3.3	11.4
Reduced Lactose and minerals					
Human and animal ⁶	7,352	9,649	9,935	35.1	3.0
Whey protein concentrate					
Human ²	56,666	45,744	46,335	-18.2	1.3
Animal ²	1,933	1,316	1,378	-28.7	4.7
Total ²	58,599	47,060	47,713	-18.6	1.4
25.0-49.9 percent ³	23,904	23,302	24,262	1.5	4.1
50.0-89.9 percent ³	34,695	23,758	23,451	-32.4	-1.3
Whey protein isolates ⁴	9,609	10,893	10,667	11.0	-2.1
Lactose, human and animal	85,908	95,596	99,876	16.3	4.5
	(cents per pound)	(cents per pound)	(cents per pound)	(cents change)	(cents change)
Manufacturers' selling price ⁷					
Dry whey, animal	40.0	53.0	53.8	13.8	0.8

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:
May 2013 and 2014**

Product	May 2013	April 2014	May 2014	Change from	
				May 2013	April 2014
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
Production					
Bulk condensed milk					
Skim, unsweetened	152,018	158,368	168,285	10.7	6.3
Dry milk products					
Dry buttermilk, total	10,302	9,367	9,740	-5.5	4.0
Dry skim milk, animal	1,136	1,104	1,002	-11.8	-9.2
Dry whole milk	5,260	4,627	12,217	132.3	164.0
Milk protein concentrate, total ¹	12,376	15,266	16,200	30.9	6.1
Nonfat dry milk, human	150,531	158,614	163,623	8.7	3.2
Skim milk powder, total ²	54,787	48,714	58,204	6.2	19.5
Manufacturers' stocks end-of-month ³					
Dry milk products					
Dry buttermilk, total	16,233	18,732	20,794	28.1	11.0
Dry skim milk, animal	1,961	2,388	2,307	17.6	-3.4
Dry whole milk	4,895	5,757	10,497	114.4	82.3
Nonfat dry milk, human	229,857	239,583	220,616	-4.0	-7.9
Manufacturers' shipments ⁴					
Dry milk products					
Nonfat dry milk, human	122,371	154,753	162,882	33.1	5.3

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: 2013 and 2014

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

Product and month	By month			Cumulative		
	2013	2014	Change from 2013	2013	2014	Change from 2013
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
Total cheese						
January	931,558	952,986	2.3	931,558	952,986	2.3
February	848,479	850,911	0.3	1,780,037	1,803,897	1.3
March	954,147	963,632	1.0	2,734,184	2,767,529	1.2
April	929,536	952,706	2.5	3,663,720	3,720,235	1.5
May	943,763	964,955	2.2	4,607,483	4,685,190	1.7
June	912,087			5,519,570		
July	893,794			6,413,364		
August	931,591			7,344,955		
September	899,533			8,244,488		
October	955,088			9,199,576		
November	922,370			10,121,946		
December	979,189			11,101,135		
Total American cheese types ¹						
January	377,157	380,374	0.9	377,157	380,374	0.9
February	347,159	340,745	-1.8	724,316	721,119	-0.4
March	384,669	379,309	-1.4	1,108,985	1,100,428	-0.8
April	376,709	376,785		1,485,694	1,477,213	-0.6
May	387,521	391,432	1.0	1,873,215	1,868,645	-0.2
June	362,898			2,236,113		
July	345,652			2,581,765		
August	381,063			2,962,828		
September	347,378			3,310,206		
October	371,482			3,681,688		
November	356,145			4,037,833		
December	381,405			4,419,238		
Cheddar cheese						
January	280,844	277,089	-1.3	280,844	277,089	-1.3
February	251,874	248,829	-1.2	532,718	525,918	-1.3
March	284,021	277,503	-2.3	816,739	803,421	-1.6
April	278,961	282,664	1.3	1,095,700	1,086,085	-0.9
May	281,236	288,313	2.5	1,376,936	1,374,398	-0.2
June	259,549			1,636,485		
July	246,749			1,883,234		
August	269,684			2,152,918		
September	241,616			2,394,534		
October	268,854			2,663,388		
November	252,136			2,915,524		
December	273,693			3,189,217		

See footnote(s) at end of table.

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Dairy Products Production by Product and Month – United States: 2013 and 2014 (continued)

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

Product and month	By month			Cumulative		
	2013	2014	Change from 2013	2013	2014	Change from 2013
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
Total Italian cheese types						
January	400,822	420,316	4.9	400,822	420,316	4.9
February	359,525	374,134	4.1	760,347	794,450	4.5
March	412,833	426,014	3.2	1,173,180	1,220,464	4.0
April	393,520	415,377	5.6	1,566,700	1,635,841	4.4
May	393,568	413,690	5.1	1,960,268	2,049,531	4.6
June	392,249			2,352,517		
July	391,393			2,743,910		
August	381,612			3,125,522		
September	384,608			3,510,130		
October	408,734			3,918,864		
November	390,179			4,309,043		
December	426,240			4,735,283		
Mozzarella						
January	311,786	332,420	6.6	311,786	332,420	6.6
February	278,506	299,852	7.7	590,292	632,272	7.1
March	323,043	334,358	3.5	913,335	966,630	5.8
April	302,585	329,865	9.0	1,215,920	1,296,495	6.6
May	307,050	328,894	7.1	1,522,970	1,625,389	6.7
June	308,061			1,831,031		
July	307,906			2,138,937		
August	296,431			2,435,368		
September	302,013			2,737,381		
October	318,853			3,056,234		
November	307,550			3,363,784		
December	335,670			3,699,454		
Other Italian cheese types						
January	5,760	5,789	0.5	5,760	5,789	0.5
February	5,050	5,878	16.4	10,810	11,667	7.9
March	6,168	6,941	12.5	16,978	18,608	9.6
April	5,476	6,296	15.0	22,454	24,904	10.9
May	5,340	5,951	11.4	27,794	30,855	11.0
June	5,797			33,591		
July	5,532			39,123		
August	6,175			45,298		
September	5,513			50,811		
October	6,376			57,187		
November	6,124			63,311		
December	6,289			69,600		

See footnote(s) at end of table.

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Dairy Products Production by Product and Month – United States: 2013 and 2014 (continued)

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

Product and month	By month			Cumulative		
	2013	2014	Change from 2013	2013	2014	Change from 2013
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
Butter						
January	188,037	182,444	-3.0	188,037	182,444	-3.0
February	173,335	163,916	-5.4	361,372	346,360	-4.2
March	181,421	165,396	-8.8	542,793	511,756	-5.7
April	166,658	165,753	-0.5	709,451	677,509	-4.5
May	163,785	164,618	0.5	873,236	842,127	-3.6
June	140,124			1,013,360		
July	132,746			1,146,106		
August	134,370			1,280,476		
September	132,232			1,412,708		
October	145,886			1,558,594		
November	142,192			1,700,786		
December	161,730			1,862,516		
Nonfat dry milk, human						
January	142,799	138,858	-2.8	142,799	138,858	-2.8
February	137,674	140,559	2.1	280,473	279,417	-0.4
March	146,576	162,649	11.0	427,049	442,066	3.5
April	160,117	158,614	-0.9	587,166	600,680	2.3
May	150,531	163,623	8.7	737,697	764,303	3.6
June	130,901			868,598		
July	116,616			985,214		
August	106,039			1,091,253		
September	74,026			1,165,279		
October	85,830			1,251,109		
November	101,185			1,352,294		
December	125,570			1,477,864		
Skim milk powders ²						
January	47,980	58,830	22.6	47,980	58,830	22.6
February	43,178	35,384	-18.1	91,158	94,214	3.4
March	47,546	42,620	-10.4	138,704	136,834	-1.3
April	39,751	48,714	22.5	178,455	185,548	4.0
May	54,787	58,204	6.2	233,242	243,752	4.5
June	58,217			291,459		
July	53,131			344,590		
August	55,074			399,664		
September	54,234			453,898		
October	62,402			516,300		
November	56,227			572,527		
December	58,162			630,689		

See footnote(s) at end of table.

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Dairy Products Production by Product and Month – United States: 2013 and 2014 (continued)

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

Product and month	By month			Cumulative		
	2013	2014	Change from 2013	2013	2014	Change from 2013
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
Dry whey, total ³						
January	90,663	70,010	-22.8	90,663	70,010	-22.8
February	80,471	62,092	-22.8	171,134	132,102	-22.8
March	87,631	71,504	-18.4	258,765	203,606	-21.3
April	85,400	75,754	-11.3	344,165	279,360	-18.8
May	79,654	81,261	2.0	423,819	360,621	-14.9
June	79,564			503,383		
July	79,515			582,898		
August	75,832			658,730		
September	72,334			731,064		
October	71,460			802,524		
November	74,176			876,700		
December	84,320			961,020		
Lactose, human and animal						
January	85,262	96,929	13.7	85,262	96,929	13.7
February	74,832	89,463	19.6	160,094	186,392	16.4
March	89,435	99,746	11.5	249,529	286,138	14.7
April	84,768	91,677	8.2	334,297	377,815	13.0
May	87,184	97,296	11.6	421,481	475,111	12.7
June	88,686			510,167		
July	86,088			596,255		
August	86,433			682,688		
September	88,005			770,693		
October	89,171			859,864		
November	86,706			946,570		
December	92,614			1,039,184		
Whey protein concentrate, total						
January	39,262	47,041	19.8	39,262	47,041	19.8
February	36,941	42,174	14.2	76,203	89,215	17.1
March	41,742	44,796	7.3	117,945	134,011	13.6
April	40,396	45,725	13.2	158,341	179,736	13.5
May	43,391	48,216	11.1	201,732	227,952	13.0
June	41,501			243,233		
July	40,265			283,498		
August	39,461			322,959		
September	39,386			362,345		
October	45,542			407,887		
November	43,194			451,081		
December	46,567			497,648		

See footnote(s) at end of table.

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Dairy Products Production by Product and Month – United States: 2013 and 2014 (continued)

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

Product and month	By month			Cumulative		
	2013	2014	Change from 2013	2013	2014	Change from 2013
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
Cottage cheese, cream						
January	26,946	25,344	-5.9	26,946	25,344	-5.9
February	23,811	22,639	-4.9	50,757	47,983	-5.5
March	25,342	24,953	-1.5	76,099	72,936	-4.2
April	24,568	24,503	-0.3	100,667	97,439	-3.2
May	25,984	24,138	-7.1	126,651	121,577	-4.0
June	23,181			149,832		
July	26,152			175,984		
August	26,599			202,583		
September	24,379			226,962		
October	24,925			251,887		
November	22,248			274,135		
December	22,068			296,203		
Cottage cheese, lowfat						
January	33,686	29,445	-12.6	33,686	29,445	-12.6
February	28,005	27,427	-2.1	61,691	56,872	-7.8
March	29,674	29,527	-0.5	91,365	86,399	-5.4
April	30,478	28,856	-5.3	121,843	115,255	-5.4
May	31,039	28,858	-7.0	152,882	144,113	-5.7
June	28,515			181,397		
July	30,886			212,283		
August	30,399			242,682		
September	29,064			271,746		
October	29,494			301,240		
November	25,437			326,677		
December	26,209			352,886		
Sour cream						
January	107,329	107,891	0.5	107,329	107,891	0.5
February	75,905	76,459	0.7	183,234	184,350	0.6
March	85,962	86,131	0.2	269,196	270,481	0.5
April	80,381	87,372	8.7	349,577	357,853	2.4
May	91,901	91,319	-0.6	441,478	449,172	1.7
June	82,585			524,063		
July	86,731			610,794		
August	88,387			699,181		
September	83,061			782,242		
October	96,496			878,738		
November	97,839			976,577		
December	97,172			1,073,749		

See footnote(s) at end of table.

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Dairy Products Production by Product and Month – United States: 2013 and 2014 (continued)

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

Product and month	By month			Cumulative		
	2013	2014	Change from 2013	2013	2014	Change from 2013
	(1,000 gallons)	(1,000 gallons)	(percent)	(1,000 gallons)	(1,000 gallons)	(percent)
Ice cream, regular hard						
January	56,582	55,439	-2.0	56,582	55,439	-2.0
February	63,062	58,610	-7.1	119,644	114,049	-4.7
March	71,935	68,501	-4.8	191,579	182,550	-4.7
April	72,195	68,714	-4.8	263,774	251,264	-4.7
May	76,786	69,947	-8.9	340,560	321,211	-5.7
June	77,783			418,343		
July	77,278			495,621		
August	72,648			568,269		
September	62,774			631,043		
October	65,276			696,319		
November	52,882			749,201		
December	43,433			792,634		
Ice cream, lowfat total						
January	29,910	25,506	-14.7	29,910	25,506	-14.7
February	30,080	29,648	-1.4	59,990	55,154	-8.1
March	36,775	35,007	-4.8	96,765	90,161	-6.8
April	38,820	39,161	0.9	135,585	129,322	-4.6
May	42,534	39,222	-7.8	178,119	168,544	-5.4
June	44,507			222,626		
July	41,509			264,135		
August	38,658			302,793		
September	33,261			336,054		
October	30,134			366,188		
November	25,156			391,344		
December	22,559			413,903		
Sherbet, hard						
January	3,100	2,915	-6.0	3,100	2,915	-6.0
February	3,455	3,355	-2.9	6,555	6,270	-4.3
March	4,458	4,208	-5.6	11,013	10,478	-4.9
April	4,511	4,042	-10.4	15,524	14,520	-6.5
May	4,613	3,617	-21.6	20,137	18,137	-9.9
June	4,619			24,756		
July	4,208			28,964		
August	3,675			32,639		
September	3,105			35,744		
October	3,264			39,008		
November	2,509			41,517		
December	2,058			43,575		

See footnote(s) at end of table.

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Dairy Products Production by Product and Month – United States: 2013 and 2014 (continued)

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

Product and month	By month			Cumulative		
	2013	2014	Change from 2013	2013	2014	Change from 2013
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
Yogurt, plain and flavored						
January	389,927	395,302	1.4	389,927	395,302	1.4
February	367,232	392,812	7.0	757,159	788,114	4.1
March	427,747	447,683	4.7	1,184,906	1,235,797	4.3
April	387,956	397,716	2.5	1,572,862	1,633,513	3.9
May	404,040	406,931	0.7	1,976,902	2,040,444	3.2
June	397,221			2,374,123		
July	395,216			2,769,339		
August	421,332			3,190,671		
September	433,913			3,624,584		
October	377,431			4,002,015		
November	330,906			4,332,921		
December	384,714			4,717,635		
	(1,000 gallons)	(1,000 gallons)	(percent)	(1,000 gallons)	(1,000 gallons)	(percent)
Frozen yogurt, total						
January	5,757	4,518	-21.5	5,757	4,518	-21.5
February	6,607	5,651	-14.5	12,364	10,169	-17.8
March	7,719	6,168	-20.1	20,083	16,337	-18.7
April	7,772	6,052	-22.1	27,855	22,389	-19.6
May	8,763	6,522	-25.6	36,618	28,911	-21.0
June	8,748			45,366		
July	7,746			53,112		
August	6,655			59,767		
September	5,667			65,434		
October	5,670			71,104		
November	4,488			75,592		
December	4,783			80,375		

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: May 2013 and 2014

State	May 2013	April 2014	May 2014	Change from	
				May 2013	April 2014
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	198,450	203,669	204,870	3.2	0.6
Idaho	69,764	69,811	73,438	5.3	5.2
Illinois	5,874	6,127	6,405	9.0	4.5
Iowa	23,761	24,879	23,432	-1.4	-5.8
Minnesota	56,399	56,609	58,110	3.0	2.7
New Mexico	64,873	64,143	67,494	4.0	5.2
New York	62,022	63,771	60,434	-2.6	-5.2
Ohio	17,303	16,320	16,722	-3.4	2.5
Pennsylvania	34,242	36,577	35,481	3.6	-3.0
South Dakota	22,087	22,548	22,601	2.3	0.2
Vermont	12,220	10,725	11,885	-2.7	10.8
Wisconsin	241,840	241,064	242,745	0.4	0.7
Other States ¹	134,928	136,463	141,338	4.8	3.6
United States	943,763	952,706	964,955	2.2	1.3
Atlantic	117,092	120,231	116,859	-0.2	-2.8
Central	429,434	424,595	430,305	0.2	1.3
West	397,237	407,880	417,791	5.2	2.4

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

American Cheese Production – States and United States: May 2013 and 2014

State	May 2013	April 2014	May 2014	Change from	
				May 2013	April 2014
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	52,232	52,256	52,035	-0.4	-0.4
Idaho	50,897	45,174	51,374	0.9	13.7
Iowa	16,084	17,888	16,911	5.1	-5.5
Oregon	16,559	16,805	16,843	1.7	0.2
Wisconsin	74,823	68,879	72,600	-3.0	5.4
Other States ¹	176,926	175,783	181,669	2.7	3.3
United States	387,521	376,785	391,432	1.0	3.9
Atlantic	18,039	17,849	18,844	4.5	5.6
Central	188,391	185,688	193,050	2.5	4.0
West	181,091	173,248	179,538	-0.9	3.6

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

Cheddar Cheese Production – States and United States: May 2013 and 2014

State	May 2013	April 2014	May 2014	Change from	
				May 2013	April 2014
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	30,283	34,155	29,418	-2.9	-13.9
Idaho	38,460	34,537	40,246	4.6	16.5
Iowa	9,706	11,994	11,135	14.7	-7.2
Minnesota	46,409	47,712	48,708	5.0	2.1
Wisconsin	50,052	46,390	49,600	-0.9	6.9
Other States ¹	106,326	107,876	109,206	2.7	1.2
United States	281,236	282,664	288,313	2.5	2.0
Atlantic	17,857	17,113	18,146	1.6	6.0
Central	133,588	135,596	139,914	4.7	3.2
West	129,791	129,955	130,253	0.4	0.2

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

Total Italian Cheese Production – States and United States: May 2013 and 2014

State	May 2013	April 2014	May 2014	Change from	
				May 2013	April 2014
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	125,911	132,498	133,476	6.0	0.7
Idaho	13,739	19,407	16,160	17.6	-16.7
New York	29,815	29,759	29,815	-	0.2
Pennsylvania	20,702	23,202	22,021	6.4	-5.1
Wisconsin	117,826	121,933	121,174	2.8	-0.6
Other States ¹	85,575	88,578	91,044	6.4	2.8
United States	393,568	415,377	413,690	5.1	-0.4
Atlantic	57,051	60,328	58,873	3.2	-2.4
Central	159,765	157,251	156,731	-1.9	-0.3
West	176,752	197,798	198,086	12.1	0.1

- Represents zero.

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

Mozzarella Cheese Production – States and United States: May 2013 and 2014

State	May 2013	April 2014	May 2014	Change from	
				May 2013	April 2014
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	115,725	123,208	123,958	7.1	0.6
Idaho	11,748	18,289	15,213	29.5	-16.8
New York	16,531	15,614	16,532	-	5.9
Pennsylvania	17,792	20,350	19,110	7.4	-6.1
Wisconsin	79,814	81,808	81,800	2.5	-
Other States ¹	65,440	70,596	72,281	10.5	2.4
United States	307,050	329,865	328,894	7.1	-0.3
Atlantic	37,686	39,299	38,762	2.9	-1.4
Central	106,054	104,707	104,045	-1.9	-0.6
West	163,310	185,859	186,087	13.9	0.1

- Represents zero.

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

Butter Production – States and United States: May 2013 and 2014

State	May 2013	April 2014	May 2014	Change from	
				May 2013	April 2014
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	56,789	57,608	57,600	1.4	-
Pennsylvania	8,725	8,625	8,510	-2.5	-1.3
Other States ¹	98,271	99,520	98,508	0.2	-1.0
United States	163,785	165,753	164,618	0.5	-0.7
Atlantic	19,039	16,915	15,882	-16.6	-6.1
Central	58,760	63,712	63,752	8.5	0.1
West	85,986	85,126	84,984	-1.2	-0.2

- Represents zero.

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: May 2013 and 2014

State	May 2013	April 2014	May 2014	Change from	
				May 2013	April 2014
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	58,498	65,048	61,773	5.6	-5.0
Other States ¹	92,033	93,566	101,850	10.7	8.9
United States	150,531	158,614	163,623	8.7	3.2
Atlantic	27,154	28,449	29,329	8.0	3.1
Central	28,314	25,559	31,490	11.2	23.2
West	95,063	104,606	102,804	8.1	-1.7

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: May 2013 and 2014

State	May 2013	April 2014	May 2014	Change from	
				May 2013	April 2014
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
New York	13,100	11,840	11,768	-10.2	-0.6
Wisconsin	24,436	26,254	26,262	7.5	-
Other States ¹	38,177	36,267	41,893	9.7	15.5
United States	75,713	74,361	79,923	5.6	7.5
Atlantic	22,100	21,736	21,097	-4.5	-2.9
Central	37,324	36,587	36,875	-1.2	0.8
West	16,289	16,038	21,951	34.8	36.9

- Represents zero.

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: May 2013 and 2014

State	May 2013	April 2014	May 2014	Change from	
				May 2013	April 2014
	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(percent)	(percent)
California	13,371	11,304	11,286	-15.6	-0.2
Missouri	1,989	1,949	2,725	37.0	39.8
Ohio	2,227	1,739	1,926	-13.5	10.8
Oregon	1,148	1,215	1,227	6.9	1.0
Pennsylvania	3,964	2,895	3,840	-3.1	32.6
Wisconsin	2,101	2,032	2,091	-0.5	2.9
Other States ¹	51,986	47,580	46,852	-9.9	-1.5
United States	76,786	68,714	69,947	-8.9	1.8
Atlantic	15,355	12,976	15,064	-1.9	16.1
Central	41,930	39,175	37,878	-9.7	-3.3
West	19,501	16,563	17,005	-12.8	2.7

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 2013, there were 1,272 manufacturers that produced one or more dairy products. In states with small numbers of plants, reports are received from all plants each month. In states with large numbers of plants, survey procedures are designed to obtain monthly reports from all large plants and from a sample of small plants. In some states, the State Departments of Agriculture assist in collection of data, which eliminates duplicate reporting and reduces respondent burden.

Modes of data collection: Data are collected by mail, personal and telephone interviews, facsimile, and via electronic mail.

Terms and definitions: Firms complete the questionnaire using standard industry definitions and through the aid of instructions and definitions provided on the questionnaire.

Reliability: Data for the Dairy Products report are collected by a Census of all known manufacturers of dairy products in the United States. Firms producing large quantities of dairy products, along with a sample of smaller firms, are contacted monthly to collect previous month production data. Those small firms not contacted monthly are contacted after the close of the year to obtain previous year production. Production of products at small firms not contacted monthly are estimated during the monthly survey based upon check data, and state and national trends. Small firms are defined as those that do not make up a significant portion of the published total. Plants storing nonfat dry milk and dry whey are required under Federal law as defined in Public Laws 106-532 and 107-171 to complete the Dairy Products report. Plants storing these items are contacted monthly. Additionally, many state governments have mandated that dairy plants in their state complete the Dairy Products report each month. Because the Dairy Products survey is a census, sampling error should not affect the final estimates, however non-sampling errors are possible.

Estimating Procedures: In the Regional Field Office (RFO), data reported by firms are reviewed for reasonableness and consistency by comparing with data reported in prior months and by data reported by other firms in the State. Each RFO summarizes data at the Individual State level. State estimates are submitted to the Agricultural Statistics Board (ASB) along with supporting comments where they are compared with surrounding states, their region, and national trends. During both RFO and ASB review, plants are sometimes contacted again for further verification of numbers reported. After ASB review, RFO data are summarized into a National level summary.

Revision Policy: Monthly estimates are subject to revision the month following the preliminary estimates. Annual estimates are published in late April in the *Dairy Products Yearly Summary* report which includes any revisions made to previous 2 years of estimates. Revisions are generally due to plant data that are received too late to be included in the current report.

Information Contacts

Listed below are the commodity specialists in the Livestock Branch of the National Agricultural Statistics Service to contact for additional information. E-mail inquiries may be sent to nass@nass.usda.gov

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