



# Dairy Products

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## March 2014 Highlights

**Total cheese** output (excluding cottage cheese) was 964 million pounds, 1.0 percent above March 2013 and 13.3 percent above February 2014.

**Italian type cheese** production totaled 427 million pounds, 3.5 percent above March 2013 and 14.2 percent above February 2014.

**American type cheese** production totaled 379 million pounds, 1.4 percent below March 2013 but 11.3 percent above February 2014.

**Butter** production was 165 million pounds, 9.0 percent below March 2013 but 0.7 percent above February 2014.

### **Dry milk powders** (comparisons with March 2013)

Nonfat dry milk, human - 163 million pounds, up 11.0 percent.

Skim milk powders - 42.6 million pounds, down 10.4 percent.

### **Whey products** (comparisons with March 2013)

Dry whey, total - 65.8 million pounds, down 24.9 percent.

Lactose, human and animal - 100 million pounds, up 12.2 percent.

Whey protein concentrate, total - 46.2 million pounds, up 10.8 percent.

### **Frozen products** (comparisons with March 2013)

Ice cream, regular (hard) - 69.3 million gallons, down 3.6 percent.

Ice cream, lowfat (total) - 34.8 million gallons, down 38.4 percent.

Sherbet (hard) - 4.19 million gallons, down 6.0 percent.

Frozen yogurt (total) - 6.19 million gallons, down 19.8 percent.

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

Product	March 2013	February 2014	March 2014	Change from	
				March 2013	February 2014
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
Butter .....	181,421	163,916	165,013	-9.0	0.7
<b>Cheese</b>					
American types <sup>1</sup> .....	384,669	340,745	379,274	-1.4	11.3
Cheddar .....	284,021	248,829	277,278	-2.4	11.4
Other American types .....	100,648	91,916	101,996	1.3	11.0
Blue and Gorgonzola .....	7,464	6,535	7,530	0.9	15.2
Brick and Muenster .....	13,302	11,761	13,881	4.4	18.0
Cream and Neufchatel .....	63,072	51,409	62,896	-0.3	22.3
Feta .....	8,810	8,155	9,231	4.8	13.2
Gouda .....	4,280	5,392	4,925	15.1	-8.7
Hispanic .....	19,351	18,090	21,873	13.0	20.9
Italian types .....	412,833	374,134	427,380	3.5	14.2
Mozzarella .....	323,043	299,852	335,862	4.0	12.0
Parmesan .....	25,993	21,821	25,883	-0.4	18.6
Provolone .....	29,518	25,468	32,324	9.5	26.9
Ricotta .....	22,752	18,108	22,320	-1.9	23.3
Romano .....	5,359	3,007	3,917	-26.9	30.3
Other Italian types .....	6,168	5,878	7,074	14.7	20.3
Swiss .....	24,637	22,839	25,696	4.3	12.5
All other types .....	15,729	11,851	11,206	-28.8	-5.4
<b>Total cheese</b> .....	<b>954,147</b>	<b>850,911</b>	<b>963,892</b>	<b>1.0</b>	<b>13.3</b>
Cottage cheese, curd <sup>2</sup> .....	30,719	28,244	31,663	3.1	12.1
Cottage cheese, cream <sup>3</sup> .....	25,342	22,639	25,206	-0.5	11.3
Cottage cheese, lowfat <sup>4</sup> .....	29,674	27,427	29,622	-0.2	8.0
Sour cream .....	85,962	76,459	86,379	0.5	13.0
Yogurt, plain and flavored .....	427,747	392,812	447,515	4.6	13.9
	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(percent)	(percent)
<b>Frozen products</b>					
Ice cream, regular, hard .....	71,935	58,610	69,315	-3.6	18.3
Ice cream, lowfat, hard .....	18,105	15,968	17,831	-1.5	11.7
Ice cream, lowfat, soft .....	38,323	13,680	16,931	-55.8	23.8
Ice cream, lowfat, total .....	56,428	29,648	34,762	-38.4	17.2
Ice cream, nonfat, hard .....	951	853	1,301	36.8	52.5
Sherbet, hard .....	4,458	3,355	4,192	-6.0	24.9
Frozen yogurt, total .....	7,719	5,651	6,191	-19.8	9.6
Regular and lowfat, hard .....	3,400	2,253	2,572	-24.4	14.2
Nonfat, hard .....	1,443	630	912	-36.8	44.8
Other frozen dairy products .....	884	1,019	1,217	37.7	19.4
Water and juice ices .....	5,499	5,044	5,808	5.6	15.1
<b>Mix for frozen products</b>					
Ice cream, regular, mix .....	40,782	35,079	40,586	-0.5	15.7
Ice cream, lowfat, mix .....	22,007	16,596	19,523	-11.3	17.6
Ice cream, nonfat, mix .....	733	527	837	14.2	58.8
Sherbet mix .....	2,659	2,142	2,639	-0.8	23.2
Yogurt mix .....	3,409	3,425	3,752	10.1	9.5

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

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

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

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

**Whey and Modified Whey Products Production, Stocks, and Prices – United States:  
March 2013 and 2014**

Product	March 2013	February 2014	March 2014	Change from	
				March 2013	February 2014
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
Condensed whey, solids content <sup>1</sup>					
Sweet-type, human .....	7,358	6,744	6,525	-11.3	-3.2
Dry whey products					
Dry whey, human .....	83,052	61,104	64,059	-22.9	4.8
Dry whey, animal .....	4,579	988	1,757	-61.6	77.8
Dry whey, total .....	87,631	62,092	65,816	-24.9	6.0
Reduced lactose and minerals					
Human .....	2,743	2,288	2,275	-17.1	-0.6
Animal .....	5,197	5,498	5,899	13.5	7.3
Whey protein concentrate					
Human <sup>2</sup> .....	40,832	41,871	45,856	12.3	9.5
Animal <sup>2</sup> .....	910	303	380	-58.2	25.4
Total <sup>2</sup> .....	41,742	42,174	46,236	10.8	9.6
25.0-49.9 percent <sup>3</sup> .....	19,436	22,674	25,142	29.4	10.9
50.0-89.9 percent <sup>3</sup> .....	22,306	19,500	21,094	-5.4	8.2
Whey protein isolates <sup>4</sup> .....	7,636	8,175	8,443	10.6	3.3
Lactose, human and animal .....	89,435	89,463	100,375	12.2	12.2
<b>Manufacturers' stocks end of month <sup>5</sup></b>					
Dry whey products					
Dry whey, human .....	73,884	56,121	58,749	-20.5	4.7
Dry whey, animal .....	3,579	544	574	-84.0	5.5
Dry whey, total .....	77,463	56,665	59,323	-23.4	4.7
Reduced Lactose and minerals					
Human and animal <sup>6</sup> .....	6,468	9,658	10,130	56.6	4.9
Whey protein concentrate					
Human <sup>2</sup> .....	56,580	47,869	46,541	-17.7	-2.8
Animal <sup>2</sup> .....	1,571	821	1,006	-36.0	22.5
Total <sup>2</sup> .....	58,151	48,690	47,547	-18.2	-2.3
25.0-49.9 percent <sup>3</sup> .....	26,141	21,091	22,547	-13.7	6.9
50.0-89.9 percent <sup>3</sup> .....	32,010	27,599	25,000	-21.9	-9.4
Whey protein isolates <sup>4</sup> .....	10,886	9,479	11,139	2.3	17.5
Lactose, human and animal .....	93,052	105,889	99,685	7.1	-5.9
	(cents per pound)	(cents per pound)	(cents per pound)	(cents change)	(cents change)
<b>Manufacturers' selling price <sup>7</sup></b>					
Dry whey, animal .....	44.0	48.8	53.2	9.2	4.4

<sup>1</sup> Final marketable product only. Does not include quantity used or shipped to another plant for further processing into dry whey or modified whey products. Does not include sweet-type, animal whey.

<sup>2</sup> Whey protein concentrate, 25.0 to 89.9 percent.

<sup>3</sup> Whey protein concentrate, human and animal.

<sup>4</sup> Whey protein isolate, 90.0 percent or greater.

<sup>5</sup> Stocks held by manufacturers at all points and in transit.

<sup>6</sup> Reduced lactose and minerals stocks combined to avoid disclosure of individual operations.

<sup>7</sup> Prices for bulk goods, f.o.b. plant. Average monthly prices reported by firms.

**Condensed and Dry Milk Products Production, Stocks, and Shipments – United States:  
March 2013 and 2014**

Product	March 2013	February 2014	March 2014	Change from	
				March 2013	February 2014
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
<b>Production</b>					
Bulk condensed milk					
Skim, unsweetened .....	154,812	138,394	144,462	-6.7	4.4
Dry milk products					
Dry buttermilk, total .....	11,661	10,866	10,736	-7.9	-1.2
Dry skim milk, animal .....	745	851	938	25.9	10.2
Dry whole milk .....	4,278	8,734	5,144	20.2	-41.1
Milk protein concentrate, total <sup>1</sup> .....	9,076	9,996	12,296	35.5	23.0
Nonfat dry milk, human .....	146,576	140,559	162,649	11.0	15.7
Skim milk powder, total <sup>2</sup> .....	47,546	35,384	42,620	-10.4	20.4
<b>Manufacturers' stocks end-of-month</b> <sup>3</sup>					
Dry milk products					
Dry buttermilk, total .....	19,130	15,963	16,896	-11.7	5.8
Dry skim milk, animal .....	1,547	2,393	2,273	46.9	-5.0
Dry whole milk .....	3,683	9,196	7,381	100.4	-19.7
Nonfat dry milk, human .....	217,600	181,472	213,971	-1.7	17.9
<b>Manufacturers' shipments</b> <sup>4</sup>					
Dry milk products					
Nonfat dry milk, human .....	143,071	102,968	126,266	-11.7	22.6

<sup>1</sup> Dry milk protein concentrate, 40-89.9 percent.

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

<sup>3</sup> Stocks held by manufacturers at all points and in transit.

<sup>4</sup> For dry products, shipments of bulk goods.

## Dairy Products Production by Product and Month – United States: 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)
<b>Total cheese</b>						
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	963,892	1.0	2,734,184	2,767,789	1.2
April .....	929,536			3,663,720		
May .....	943,763			4,607,483		
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		
<b>Total American cheese types <sup>1</sup></b>						
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	379,274	-1.4	1,108,985	1,100,393	-0.8
April .....	376,709			1,485,694		
May .....	387,521			1,873,215		
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		
<b>Cheddar cheese</b>						
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	277,278	-2.4	816,739	803,196	-1.7
April .....	278,961			1,095,700		
May .....	281,236			1,376,936		
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)
<b>Total Italian cheese types</b>						
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	427,380	3.5	1,173,180	1,221,830	4.1
April .....	393,520			1,566,700		
May .....	393,568			1,960,268		
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		
<b>Mozzarella</b>						
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	335,862	4.0	913,335	968,134	6.0
April .....	302,585			1,215,920		
May .....	307,050			1,522,970		
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		
<b>Other Italian cheese types</b>						
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	7,074	14.7	16,978	18,741	10.4
April .....	5,476			22,454		
May .....	5,340			27,794		
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)
<b>Butter</b>						
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	165,013	-9.0	542,793	511,373	-5.8
April .....	166,658			709,451		
May .....	163,785			873,236		
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		
<b>Nonfat dry milk, human</b>						
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			587,166		
May .....	150,531			737,697		
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		
<b>Skim milk powders <sup>2</sup></b>						
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			178,455		
May .....	54,787			233,242		
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 <sup>3</sup>						
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	65,816	-24.9	258,765	197,918	-23.5
April .....	85,400			344,165		
May .....	79,654			423,819		
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	100,375	12.2	249,529	286,767	14.9
April .....	84,768			334,297		
May .....	87,184			421,481		
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	46,236	10.8	117,945	135,451	14.8
April .....	40,396			158,341		
May .....	43,391			201,732		
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)
<b>Cottage cheese, cream</b>						
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	25,206	-0.5	76,099	73,189	-3.8
April .....	24,568			100,667		
May .....	25,984			126,651		
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		
<b>Cottage cheese, lowfat</b>						
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	29,622	-0.2	91,365	86,494	-5.3
April .....	30,478			121,843		
May .....	31,039			152,882		
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		
<b>Sour cream</b>						
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	86,379	0.5	269,196	270,729	0.6
April .....	80,381			349,577		
May .....	91,901			441,478		
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)
<b>Ice cream, regular hard</b>						
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	69,315	-3.6	191,579	183,364	-4.3
April .....	72,195			263,774		
May .....	76,786			340,560		
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		
<b>Ice cream, lowfat total</b>						
January .....	49,801	25,506	-48.8	49,801	25,506	-48.8
February .....	49,733	29,648	-40.4	99,534	55,154	-44.6
March .....	56,428	34,762	-38.4	155,962	89,916	-42.3
April .....	58,473			214,435		
May .....	62,187			276,622		
June .....	64,160			340,782		
July .....	61,162			401,944		
August .....	58,311			460,255		
September .....	52,914			513,169		
October .....	50,025			563,194		
November .....	45,046			608,240		
December .....	42,449			650,689		
<b>Sherbet, hard</b>						
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	4,192	-6.0	11,013	10,462	-5.0
April .....	4,511			15,524		
May .....	4,613			20,137		
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)
<b>Yogurt, plain and flavored</b>						
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	447,515	4.6	1,184,906	1,235,629	4.3
April .....	387,956			1,572,862		
May .....	404,040			1,976,902		
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)
<b>Frozen yogurt, total</b>						
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	6,191	-19.8	20,083	16,360	-18.5
April .....	7,772			27,855		
May .....	8,763			36,618		
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		

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

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

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

**Total Cheese Production Excluding Cottage Cheese – States and United States: March 2013 and 2014**

State	March 2013	February 2014	March 2014	Change from	
				March 2013	February 2014
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California .....	191,253	185,584	205,713	7.6	10.8
Idaho .....	75,839	61,294	80,639	6.3	31.6
Illinois .....	5,676	4,707	5,760	1.5	22.4
Iowa .....	23,874	21,485	22,543	-5.6	4.9
Minnesota .....	57,422	51,490	50,721	-11.7	-1.5
New Mexico .....	62,611	58,674	66,855	6.8	13.9
New York .....	68,638	54,710	66,645	-2.9	21.8
Ohio .....	16,706	15,193	17,305	3.6	13.9
Pennsylvania .....	40,255	31,152	37,048	-8.0	18.9
South Dakota .....	22,996	21,951	22,292	-3.1	1.6
Vermont .....	10,663	9,880	10,890	2.1	10.2
Wisconsin .....	246,658	215,522	248,839	0.9	15.5
Other States <sup>1</sup> .....	131,556	119,269	128,642	-2.2	7.9
United States .....	954,147	850,911	963,892	1.0	13.3
Atlantic .....	129,097	103,053	123,364	-4.4	19.7
Central .....	432,537	378,702	419,416	-3.0	10.8
West .....	392,513	369,156	421,112	7.3	14.1

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

### American Cheese Production – States and United States: March 2013 and 2014

State	March 2013	February 2014	March 2014	Change from	
				March 2013	February 2014
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California .....	51,550	47,752	52,905	2.6	10.8
Idaho .....	49,538	41,236	50,580	2.1	22.7
Iowa .....	16,390	15,245	16,594	1.2	8.8
Oregon .....	16,871	15,254	17,416	3.2	14.2
Wisconsin .....	76,499	63,900	71,000	-7.2	11.1
Other States <sup>1</sup> .....	173,821	157,358	170,779	-1.8	8.5
United States .....	384,669	340,745	379,274	-1.4	11.3
Atlantic .....	18,038	17,203	19,103	5.9	11.0
Central .....	187,953	168,543	180,522	-4.0	7.1
West .....	178,678	154,999	179,649	0.5	15.9

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

### Cheddar Cheese Production – States and United States: March 2013 and 2014

State	March 2013	February 2014	March 2014	Change from	
				March 2013	February 2014
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California .....	28,788	30,043	32,868	14.2	9.4
Idaho .....	36,114	30,994	39,659	9.8	28.0
Iowa .....	10,216	9,826	10,814	5.9	10.1
Minnesota .....	45,742	43,948	41,097	-10.2	-6.5
Wisconsin .....	55,138	42,787	47,900	-13.1	11.9
Other States <sup>1</sup> .....	108,023	91,231	104,940	-2.9	15.0
United States .....	284,021	248,829	277,278	-2.4	11.4
Atlantic .....	17,907	16,383	18,365	2.6	12.1
Central .....	141,975	120,334	127,140	-10.4	5.7
West .....	124,139	112,112	131,773	6.1	17.5

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

### Total Italian Cheese Production – States and United States: March 2013 and 2014

State	March 2013	February 2014	March 2014	Change from	
				March 2013	February 2014
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California .....	118,310	119,532	131,589	11.2	10.1
Idaho .....	22,255	15,719	24,578	10.4	56.4
New York .....	32,553	27,342	32,031	-1.6	17.1
Pennsylvania .....	25,952	20,227	24,426	-5.9	20.8
Wisconsin .....	125,498	109,923	128,010	2.0	16.5
Other States <sup>1</sup> .....	88,265	81,391	86,746	-1.7	6.6
United States .....	412,833	374,134	427,380	3.5	14.2
Atlantic .....	65,808	52,914	63,007	-4.3	19.1
Central .....	169,714	142,929	163,212	-3.8	14.2
West .....	177,311	178,291	201,161	13.5	12.8

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

### Mozzarella Cheese Production – States and United States: March 2013 and 2014

State	March 2013	February 2014	March 2014	Change from	
				March 2013	February 2014
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California .....	111,341	111,571	119,858	7.6	7.4
Idaho .....	20,075	14,484	23,381	16.5	61.4
New York .....	17,534	15,039	17,874	1.9	18.9
Pennsylvania .....	22,893	18,040	21,130	-7.7	17.1
Wisconsin .....	85,933	74,702	85,500	-0.5	14.5
Other States <sup>1</sup> .....	65,267	66,016	68,119	4.4	3.2
United States .....	323,043	299,852	335,862	4.0	12.0
Atlantic .....	43,885	35,181	41,996	-4.3	19.4
Central .....	112,566	96,525	107,494	-4.5	11.4
West .....	166,592	168,146	186,372	11.9	10.8

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

**Butter Production – States and United States: March 2013 and 2014**

State	March 2013	February 2014	March 2014	Change from	
				March 2013	February 2014
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California .....	59,666	55,959	58,665	-1.7	4.8
Pennsylvania .....	8,546	7,674	9,002	5.3	17.3
Other States <sup>1</sup> .....	113,209	100,283	97,346	-14.0	-2.9
United States .....	181,421	163,916	165,013	-9.0	0.7
Atlantic .....	18,691	17,519	17,610	-5.8	0.5
Central .....	71,712	63,754	60,194	-16.1	-5.6
West .....	91,018	82,643	87,209	-4.2	5.5

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

**Nonfat Dry Milk (Human) Production – States and United States: March 2013 and 2014**

State	March 2013	February 2014	March 2014	Change from	
				March 2013	February 2014
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California .....	63,245	67,823	77,505	22.5	14.3
Other States <sup>1</sup> .....	83,331	72,736	85,144	2.2	17.1
United States .....	146,576	140,559	162,649	11.0	15.7
Atlantic .....	21,893	16,438	24,126	10.2	46.8
Central .....	26,108	20,086	24,487	-6.2	21.9
West .....	98,575	104,035	114,036	15.7	9.6

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



## Dry Whey (Human) Production – States and United States: March 2013 and 2014

State	March 2013	February 2014	March 2014	Change from	
				March 2013	February 2014
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
New York .....	12,784	11,428	11,406	-10.8	-0.2
Wisconsin .....	30,273	20,806	24,247	-19.9	16.5
Other States <sup>1</sup> .....	39,995	28,870	28,406	-29.0	-1.6
United States .....	83,052	61,104	64,059	-22.9	4.8
Atlantic .....	22,736	19,991	17,613	-22.5	-11.9
Central .....	44,333	30,681	34,805	-21.5	13.4
West .....	15,983	10,432	11,641	-27.2	11.6

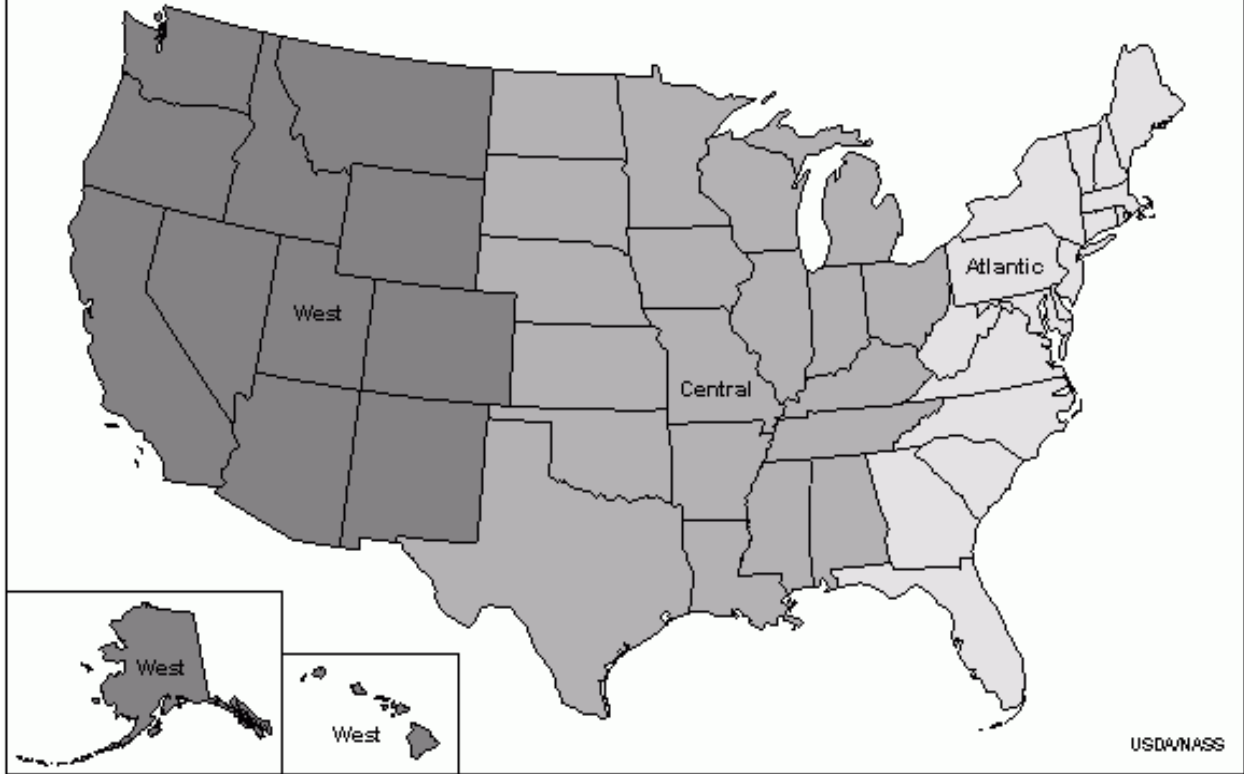
<sup>1</sup> States not shown when fewer than 3 plants reported or individual plant operations could be disclosed.

## Ice Cream, Regular (Hard) Production – States and United States: March 2013 and 2014

State	March 2013	February 2014	March 2014	Change from	
				March 2013	February 2014
	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(percent)	(percent)
California .....	12,157	9,318	11,239	-7.6	20.6
Missouri .....	1,681	2,071	2,653	57.8	28.1
Ohio .....	1,929	1,597	1,797	-6.8	12.5
Oregon .....	1,016	804	1,054	3.7	31.1
Pennsylvania .....	2,598	1,831	2,855	9.9	55.9
Wisconsin .....	2,571	1,804	2,242	-12.8	24.3
Other States <sup>1</sup> .....	49,983	41,185	47,475	-5.0	15.3
United States .....	71,935	58,610	69,315	-3.6	18.3
Atlantic .....	13,925	10,598	12,718	-8.7	20.0
Central .....	40,383	34,104	39,482	-2.2	15.8
West .....	17,627	13,908	17,115	-2.9	23.1

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

# Dairy Products Regions



## Statistical Methodology

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

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

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