



# Dairy Products

ISSN: 1949-0399

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Released May 2, 2013, by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, United States Department of Agriculture (USDA).

## March 2013 Highlights

**Total cheese** output (excluding cottage cheese) was 954 million pounds, 0.2 percent below March 2012 but 11.5 percent above February 2013.

**Italian type cheese** production totaled 416 million pounds, 1.3 percent above March 2012 and 15.2 percent above February 2013.

**American type cheese** production totaled 384 million pounds, 1.4 percent above March 2012 and 10.6 percent above February 2013.

**Butter** production was 184 million pounds, 4.2 percent above March 2012 and 5.6 percent above February 2013.

### **Dry milk powders** (comparisons with March 2012)

Nonfat dry milk, human - 146 million pounds, down 22.8 percent.

Skim milk powders - 47.5 million pounds, up 276.2 percent.

### **Whey products** (comparisons with March 2012)

Dry whey, total - 84.1 million pounds, down 4.5 percent.

Lactose, human and animal - 91.9 million pounds, up 1.1 percent.

Whey protein concentrate, total - 37.6 million pounds, down 4.2 percent.

### **Frozen products** (comparisons with March 2012)

Ice cream, regular (hard) - 69.5 million gallons, down 5.1 percent.

Ice cream, lowfat (total) - 40.5 million gallons, down 13.6 percent.

Sherbet (hard) - 4.30 million gallons, down 2.6 percent.

Frozen yogurt (total) - 6.76 million gallons, up 1.1 percent.

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

Product	March 2012	February 2013	March 2013	Change from	
				March 2012	February 2013
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
Butter .....	176,287	173,811	183,622	4.2	5.6
<b>Cheese</b>					
American types <sup>1</sup> .....	378,405	346,687	383,540	1.4	10.6
Cheddar .....	274,776	251,357	281,811	2.6	12.1
Other American types .....	103,629	95,330	101,729	-1.8	6.7
Blue and Gorgonzola .....	8,301	7,617	8,769	5.6	15.1
Brick and Muenster .....	13,264	11,824	13,234	-0.2	11.9
Cream and Neufchatel .....	69,949	63,656	60,570	-13.4	-4.8
Feta .....	11,421	6,957	8,637	-24.4	24.1
Gouda .....	3,154	3,547	4,270	35.4	20.4
Hispanic .....	19,615	18,607	19,433	-0.9	4.4
Italian types .....	410,544	360,870	415,791	1.3	15.2
Mozzarella .....	318,490	278,934	326,397	2.5	17.0
Parmesan .....	27,746	25,205	25,358	-8.6	0.6
Provolone .....	30,467	27,381	29,370	-3.6	7.3
Ricotta .....	24,064	18,911	22,828	-5.1	20.7
Romano .....	4,089	4,868	5,057	23.7	3.9
Other Italian types .....	5,688	5,571	6,781	19.2	21.7
Swiss .....	27,330	23,424	24,402	-10.7	4.2
All other types .....	14,213	12,589	15,689	10.4	24.6
<b>Total cheese</b> .....	<b>956,196</b>	<b>855,778</b>	<b>954,335</b>	<b>-0.2</b>	<b>11.5</b>
Cottage cheese, curd <sup>2</sup> .....	36,167	32,086	32,871	-9.1	2.4
Cottage cheese, cream <sup>3</sup> .....	26,866	24,993	26,655	-0.8	6.6
Cottage cheese, lowfat <sup>4</sup> .....	32,601	30,740	31,484	-3.4	2.4
Sour cream .....	108,557	94,963	105,698	-2.6	11.3
Yogurt, plain and flavored .....	403,718	359,285	421,322	4.4	17.3
	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(percent)	(percent)
<b>Frozen products</b>					
Ice cream, regular, hard .....	73,172	62,411	69,457	-5.1	11.3
Ice cream, lowfat, hard .....	19,636	15,783	19,159	-2.4	21.4
Ice cream, lowfat, soft .....	27,236	16,326	21,360	-21.6	30.8
Ice cream, lowfat, total .....	46,872	32,109	40,519	-13.6	26.2
Ice cream, nonfat, hard .....	1,067	873	1,031	-3.4	18.1
Sherbet, hard .....	4,417	3,298	4,304	-2.6	30.5
Frozen yogurt, total .....	6,682	5,757	6,757	1.1	17.4
Regular and lowfat, hard .....	1,816	2,265	2,235	23.1	-1.3
Nonfat, hard .....	582	508	647	11.2	27.4
Other frozen dairy products .....	1,100	875	848	-22.9	-3.1
Water and juice ices .....	6,426	4,640	5,288	-17.7	14.0
<b>Mix for frozen products</b>					
Ice cream, regular, mix .....	41,391	34,547	39,654	-4.2	14.8
Ice cream, lowfat, mix .....	25,845	18,083	22,874	-11.5	26.5
Ice cream, nonfat, mix .....	952	713	759	-20.3	6.5
Sherbet mix .....	2,774	2,001	2,509	-9.6	25.4
Yogurt mix .....	3,885	3,489	4,095	5.4	17.4

<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 2012 and 2013**

Product	March 2012	February 2013	March 2013	Change from	
				March 2012	February 2013
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
Condensed whey, solids content <sup>1</sup>					
Sweet-type, human .....	8,647	7,387	8,110	-6.2	9.8
Dry whey products					
Dry whey, human .....	83,005	73,761	79,528	-4.2	7.8
Dry whey, animal .....	5,006	3,316	4,552	-9.1	37.3
Dry whey, total .....	88,011	77,077	84,080	-4.5	9.1
Reduced lactose and minerals					
Human .....	3,351	2,491	2,743	-18.1	10.1
Animal .....	5,183	4,511	4,878	-5.9	8.1
Whey protein concentrate					
Human <sup>2</sup> .....	36,674	33,777	36,655	-0.1	8.5
Animal <sup>2</sup> .....	2,537	500	922	-63.7	84.4
Total <sup>2</sup> .....	39,211	34,277	37,577	-4.2	9.6
25.0-49.9 percent <sup>3</sup> .....	20,943	15,975	17,273	-17.5	8.1
50.0-89.9 percent <sup>3</sup> .....	18,268	18,302	20,304	11.1	10.9
Whey protein isolates <sup>4</sup> .....	6,003	6,857	7,636	27.2	11.4
Lactose, human and animal .....	90,862	78,212	91,861	1.1	17.5
<b>Manufacturers' stocks end of month <sup>5</sup></b>					
Dry whey products					
Dry whey, human .....	49,522	65,341	73,676	48.8	12.8
Dry whey, animal .....	3,828	3,713	3,552	-7.2	-4.3
Dry whey, total .....	53,350	69,054	77,228	44.8	11.8
Reduced Lactose and minerals					
Human and animal <sup>6</sup> .....	7,638	5,805	6,222	-18.5	7.2
Whey protein concentrate					
Human <sup>2</sup> .....	45,866	54,843	56,300	22.7	2.7
Animal <sup>2</sup> .....	1,731	1,369	1,588	-8.3	16.0
Total <sup>2</sup> .....	47,597	56,212	57,888	21.6	3.0
25.0-49.9 percent <sup>3</sup> .....	28,035	26,378	26,365	-6.0	0.0
50.0-89.9 percent <sup>3</sup> .....	19,562	29,834	31,523	61.1	5.7
Whey protein isolates <sup>4</sup> .....	8,452	10,290	10,883	28.8	5.8
Lactose, human and animal .....	74,583	89,312	90,941	21.9	1.8
	(cents per pound)	(cents per pound)	(cents per pound)	(cents change)	(cents change)
<b>Manufacturers' selling price <sup>7</sup></b>					
Dry whey, animal .....	46.4	44.6	43.7	-2.7	-0.9

<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 2012 and 2013**

Product	March 2012	February 2013	March 2013	Change from	
				March 2012	February 2013
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
<b>Production</b>					
Bulk condensed milk					
Skim, unsweetened .....	149,029	125,065	155,289	4.2	24.2
Dry milk products					
Dry buttermilk, total .....	10,168	11,758	12,235	20.3	4.1
Dry skim milk, animal .....	910	769	733	-19.5	-4.7
Dry whole milk .....	4,213	5,466	4,448	5.6	-18.6
Milk protein concentrate, total <sup>1</sup> .....	10,698	9,356	11,534	7.8	23.3
Nonfat dry milk, human .....	189,227	137,674	146,091	-22.8	6.1
Skim milk powder, total <sup>2</sup> .....	12,638	43,178	47,546	276.2	10.1
<b>Manufacturers' stocks end-of-month</b> <sup>3</sup>					
Dry milk products					
Dry buttermilk, total .....	22,518	23,007	19,655	-12.7	-14.6
Dry skim milk, animal .....	3,308	1,335	1,547	-53.2	15.9
Dry whole milk .....	6,960	6,887	3,711	-46.7	-46.1
Nonfat dry milk, human .....	210,432	225,708	213,925	1.7	-5.2
<b>Manufacturers' shipments</b> <sup>4</sup>					
Dry milk products					
Nonfat dry milk, human .....	169,402	106,710	144,321	-14.8	35.2

<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: 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)
<b>Total cheese</b>						
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	954,335	-0.2	2,729,625	2,745,790	0.6
April .....	899,436			3,629,061		
May .....	918,053			4,547,114		
June .....	901,108			5,448,222		
July .....	883,021			6,331,243		
August .....	891,398			7,222,641		
September .....	871,539			8,094,180		
October .....	930,450			9,024,630		
November .....	914,245			9,938,875		
December .....	951,269			10,890,144		
<b>Total American cheese types <sup>1</sup></b>						
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	383,540	1.4	1,089,658	1,106,524	1.5
April .....	364,148			1,453,806		
May .....	367,534			1,821,340		
June .....	360,027			2,181,367		
July .....	356,523			2,537,890		
August .....	353,406			2,891,296		
September .....	348,240			3,239,536		
October .....	370,184			3,609,720		
November .....	364,550			3,974,270		
December .....	384,207			4,358,477		
<b>Cheddar cheese</b>						
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	281,811	2.6	799,783	813,883	1.8
April .....	264,571			1,064,354		
May .....	268,418			1,332,772		
June .....	259,916			1,592,688		
July .....	258,839			1,851,527		
August .....	250,895			2,102,422		
September .....	243,606			2,346,028		
October .....	262,654			2,608,682		
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)
<b>Total Italian cheese types</b>						
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	415,791	1.3	1,183,653	1,176,755	-0.6
April .....	385,854			1,569,507		
May .....	391,465			1,960,972		
June .....	379,447			2,340,419		
July .....	369,228			2,709,647		
August .....	372,140			3,081,787		
September .....	368,503			3,450,290		
October .....	388,830			3,839,120		
November .....	384,399			4,223,519		
December .....	410,108			4,633,627		
<b>Mozzarella</b>						
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	326,397	2.5	921,434	916,790	-0.5
April .....	302,218			1,223,652		
May .....	305,941			1,529,593		
June .....	299,449			1,829,042		
July .....	291,703			2,120,745		
August .....	285,959			2,406,704		
September .....	286,356			2,693,060		
October .....	296,862			2,989,922		
November .....	297,483			3,287,405		
December .....	324,595			3,612,000		
<b>Other Italian cheese types</b>						
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	6,781	19.2	16,519	18,437	11.6
April .....	5,470			21,989		
May .....	6,103			28,092		
June .....	7,039			35,131		
July .....	5,979			41,110		
August .....	5,931			47,041		
September .....	6,149			53,190		
October .....	6,340			59,530		
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)
<b>Butter</b>						
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	183,622	4.2	528,442	545,512	3.2
April .....	169,896			698,338		
May .....	164,133			862,471		
June .....	137,046			999,517		
July .....	133,581			1,133,098		
August .....	129,531			1,262,629		
September .....	136,299			1,398,928		
October .....	144,544			1,543,472		
November .....	142,938			1,686,410		
December .....	173,144			1,859,554		
<b>Nonfat dry milk, human</b>						
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	146,091	-22.8	512,706	426,564	-16.8
April .....	190,728			703,434		
May .....	193,362			896,796		
June .....	168,394			1,065,190		
July .....	140,169			1,205,359		
August .....	106,014			1,311,373		
September .....	84,498			1,395,871		
October .....	95,064			1,490,935		
November .....	115,854			1,606,789		
December .....	157,660			1,764,449		
<b>Skim milk powders <sup>2</sup></b>						
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			90,900		
May .....	14,675			105,575		
June .....	25,366			130,941		
July .....	37,240			168,181		
August .....	40,346			208,527		
September .....	43,620			252,147		
October .....	45,664			297,811		
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)
<b>Dry whey, total <sup>3</sup></b>						
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	84,080	-4.5	273,365	251,803	-7.9
April .....	84,170			357,535		
May .....	86,753			444,288		
June .....	83,400			527,688		
July .....	79,788			607,476		
August .....	78,022			685,498		
September .....	74,185			759,683		
October .....	77,111			836,794		
November .....	72,790			909,584		
December .....	89,241			998,825		
<b>Lactose, human and animal</b>						
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	91,861	1.1	259,038	258,727	-0.1
April .....	87,346			346,384		
May .....	87,529			433,913		
June .....	88,177			522,090		
July .....	84,358			606,448		
August .....	84,124			690,572		
September .....	85,268			775,840		
October .....	82,145			857,985		
November .....	80,203			938,188		
December .....	87,938			1,026,126		
<b>Whey protein concentrate, total</b>						
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	37,577	-4.2	112,795	108,679	-3.6
April .....	37,090			149,885		
May .....	36,634			186,519		
June .....	38,553			225,072		
July .....	33,874			258,946		
August .....	35,050			293,996		
September .....	35,858			329,854		
October .....	37,003			366,857		
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)
<b>Cottage cheese, cream</b>						
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	26,655	-0.8	80,233	79,287	-1.2
April .....	25,761			105,994		
May .....	28,633			134,627		
June .....	26,748			161,375		
July .....	28,882			190,257		
August .....	30,398			220,655		
September .....	26,598			247,253		
October .....	27,286			274,539		
November .....	24,918			299,457		
December .....	23,771			323,228		
<b>Cottage cheese, lowfat</b>						
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	31,484	-3.4	98,334	95,647	-2.7
April .....	31,707			130,041		
May .....	35,113			165,154		
June .....	31,557			196,711		
July .....	32,440			229,151		
August .....	36,728			265,879		
September .....	31,571			297,450		
October .....	33,089			330,539		
November .....	27,990			358,529		
December .....	27,582			386,111		
<b>Sour cream</b>						
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	105,698	-2.6	309,595	308,548	-0.3
April .....	97,091			406,686		
May .....	109,795			516,481		
June .....	105,316			621,797		
July .....	101,510			723,307		
August .....	109,505			832,812		
September .....	98,012			930,824		
October .....	116,388			1,047,212		
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)
<b>Ice cream, regular hard</b>						
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	69,457	-5.1	193,369	187,921	-2.8
April .....	70,485			263,854		
May .....	77,726			341,580		
June .....	81,070			422,650		
July .....	75,189			497,839		
August .....	76,083			573,922		
September .....	60,133			634,055		
October .....	65,323			699,378		
November .....	54,110			753,488		
December .....	48,377			801,865		
<b>Ice cream, lowfat total</b>						
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	40,519	-13.6	117,271	101,126	-13.8
April .....	44,490			161,761		
May .....	47,511			209,272		
June .....	45,949			255,221		
July .....	43,934			299,155		
August .....	43,417			342,572		
September .....	35,333			377,905		
October .....	35,790			413,695		
November .....	27,543			441,238		
December .....	25,352			466,590		
<b>Sherbet, hard</b>						
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	4,304	-2.6	10,798	10,598	-1.9
April .....	4,023			14,821		
May .....	3,861			18,682		
June .....	3,872			22,554		
July .....	3,996			26,550		
August .....	3,788			30,338		
September .....	3,217			33,555		
October .....	2,910			36,465		
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)
<b>Yogurt, plain and flavored</b>						
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	421,322	4.4	1,152,187	1,175,360	2.0
April .....	349,245			1,501,432		
May .....	367,658			1,869,090		
June .....	366,999			2,236,089		
July .....	355,173			2,591,262		
August .....	386,947			2,978,209		
September .....	400,751			3,378,960		
October .....	365,073			3,744,033		
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)
<b>Frozen yogurt, total</b>						
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	6,757	1.1	18,864	16,162	-14.3
April .....	6,512			25,376		
May .....	7,144			32,520		
June .....	7,816			40,336		
July .....	6,513			46,849		
August .....	7,235			54,084		
September .....	5,144			59,228		
October .....	5,409			64,637		
November .....	4,842			69,479		
December .....	4,520			73,999		

<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 2012 and 2013

State	March 2012	February 2013	March 2013	Change from	
				March 2012	February 2013
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California .....	199,046	175,144	194,341	-2.4	11.0
Idaho .....	76,139	63,868	75,838	-0.4	18.7
Illinois .....	5,403	4,335	5,675	5.0	30.9
Iowa .....	22,243	21,454	23,792	7.0	10.9
Minnesota .....	55,003	52,428	57,465	4.5	9.6
New Mexico .....	64,058	57,575	62,563	-2.3	8.7
New York .....	71,014	58,681	64,312	-9.4	9.6
Ohio .....	17,667	15,244	16,704	-5.5	9.6
Pennsylvania .....	35,580	34,719	40,335	13.4	16.2
South Dakota .....	22,667	20,596	21,677	-4.4	5.2
Vermont .....	10,539	10,008	10,673	1.3	6.6
Wisconsin .....	243,138	220,091	249,646	2.7	13.4
Other States <sup>1</sup> .....	133,699	121,635	131,314	-1.8	8.0
United States .....	956,196	855,778	954,335	-0.2	11.5
Atlantic .....	126,961	110,952	124,625	-1.8	12.3
Central .....	429,995	390,682	434,191	1.0	11.1
West .....	399,240	354,144	395,519	-0.9	11.7

<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 2012 and 2013

State	March 2012	February 2013	March 2013	Change from	
				March 2012	February 2013
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California .....	51,913	47,617	51,550	-0.7	8.3
Idaho .....	50,444	45,156	49,537	-1.8	9.7
Iowa .....	18,433	15,213	16,390	-11.1	7.7
Oregon .....	14,107	14,829	16,871	19.6	13.8
Wisconsin .....	72,634	67,796	76,200	4.9	12.4
Other States <sup>1</sup> .....	170,874	156,076	172,992	1.2	10.8
United States .....	378,405	346,687	383,540	1.4	10.6
Atlantic .....	16,332	16,049	18,157	11.2	13.1
Central .....	185,548	168,872	186,710	0.6	10.6
West .....	176,525	161,766	178,673	1.2	10.5

<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 2012 and 2013

State	March 2012	February 2013	March 2013	Change from	
				March 2012	February 2013
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California .....	27,631	25,552	28,788	4.2	12.7
Idaho .....	38,868	33,478	36,113	-7.1	7.9
Iowa .....	11,595	9,533	10,216	-11.9	7.2
Minnesota .....	40,844	41,913	45,476	11.3	8.5
Wisconsin .....	50,898	46,849	54,500	7.1	16.3
Other States <sup>1</sup> .....	104,940	94,032	106,718	1.7	13.5
United States .....	274,776	251,357	281,811	2.6	12.1
Atlantic .....	16,201	15,948	18,039	11.3	13.1
Central .....	135,031	124,121	139,638	3.4	12.5
West .....	123,544	111,288	124,134	0.5	11.5

<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 2012 and 2013

State	March 2012	February 2013	March 2013	Change from	
				March 2012	February 2013
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California .....	125,092	106,859	121,487	-2.9	13.7
Idaho .....	21,347	15,049	22,255	4.3	47.9
New York .....	33,997	28,538	32,533	-4.3	14.0
Pennsylvania .....	21,218	22,402	25,948	22.3	15.8
Wisconsin .....	123,250	108,892	125,791	2.1	15.5
Other States <sup>1</sup> .....	85,640	79,130	87,777	2.5	10.9
United States .....	410,544	360,870	415,791	1.3	15.2
Atlantic .....	63,446	56,460	65,614	3.4	16.2
Central .....	164,240	148,788	169,689	3.3	14.0
West .....	182,858	155,622	180,488	-1.3	16.0

<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 2012 and 2013

State	March 2012	February 2013	March 2013	Change from	
				March 2012	February 2013
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California .....	115,625	98,819	114,732	-0.8	16.1
Idaho .....	17,699	12,480	20,075	13.4	60.9
New York .....	18,134	15,969	17,514	-3.4	9.7
Wisconsin .....	83,771	72,367	86,000	2.7	18.8
Other States <sup>1</sup> .....	83,261	79,299	88,076	5.8	11.1
United States .....	318,490	278,934	326,397	2.5	17.0
Atlantic .....	40,694	38,491	43,776	7.6	13.7
Central .....	109,613	96,533	112,638	2.8	16.7
West .....	168,183	143,910	169,983	1.1	18.1

<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 2012 and 2013

State	March 2012	February 2013	March 2013	Change from	
				March 2012	February 2013
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California .....	64,209	53,811	59,663	-7.1	10.9
Other States <sup>1</sup> .....	112,078	120,000	123,959	10.6	3.3
United States .....	176,287	173,811	183,622	4.2	5.6
Atlantic .....	16,097	18,603	18,718	16.3	0.6
Central .....	67,166	72,859	73,889	10.0	1.4
West .....	93,024	82,349	91,015	-2.2	10.5

<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 2012 and 2013

State	March 2012	February 2013	March 2013	Change from	
				March 2012	February 2013
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California .....	101,174	55,281	63,245	-37.5	14.4
Other States <sup>1</sup> .....	88,053	82,393	82,846	-5.9	0.5
United States .....	189,227	137,674	146,091	-22.8	6.1
Atlantic .....	22,118	19,171	21,893	-1.0	14.2
Central .....	17,482	26,391	25,622	46.6	-2.9
West .....	149,627	92,112	98,576	-34.1	7.0

<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 2012 and 2013

State	March 2012	February 2013	March 2013	Change from	
				March 2012	February 2013
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
New York .....	12,480	7,969	8,414	-32.6	5.6
Wisconsin .....	26,046	27,251	30,878	18.6	13.3
Other States <sup>1</sup> .....	44,479	38,541	40,236	-9.5	4.4
United States .....	83,005	73,761	79,528	-4.2	7.8
Atlantic .....	21,818	16,883	18,366	-15.8	8.8
Central .....	40,706	39,355	45,179	11.0	14.8
West .....	20,481	17,523	15,983	-22.0	-8.8

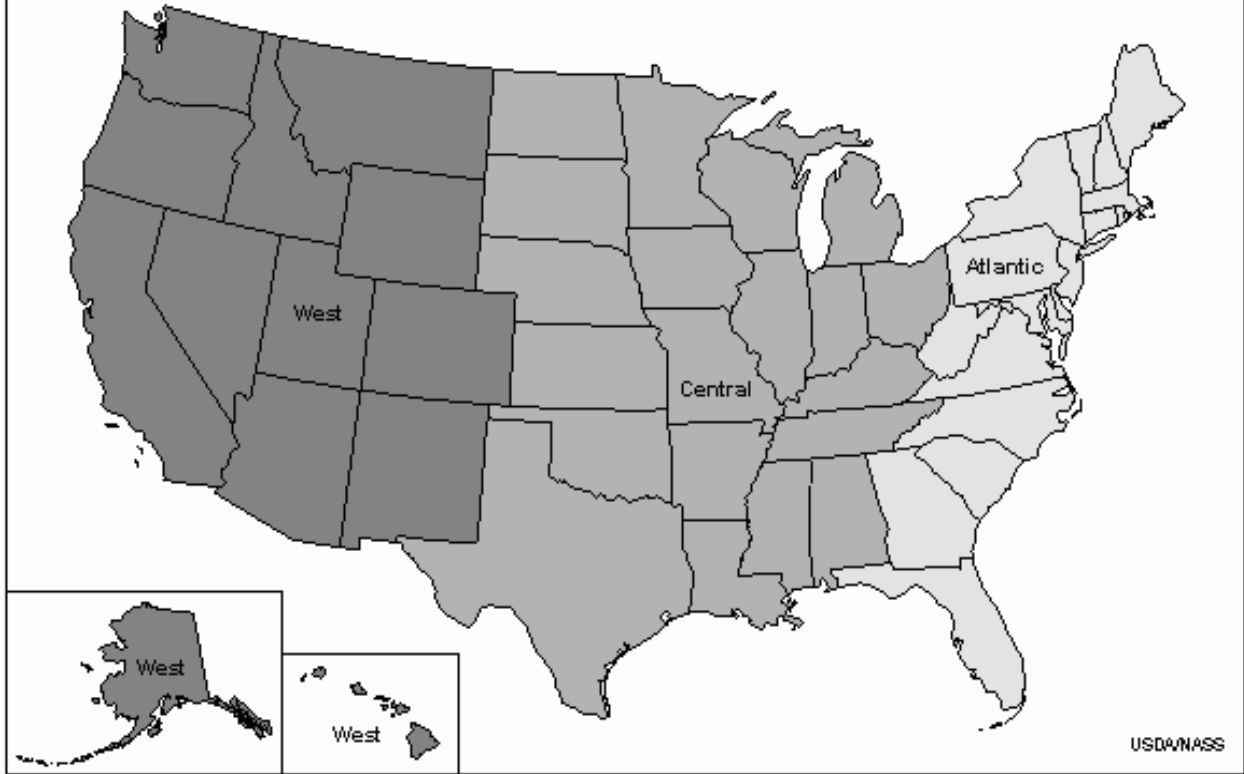
<sup>1</sup> States not shown when fewer than 3 plants reported or individual plant operations could be disclosed.

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

State	March 2012	February 2013	March 2013	Change from	
				March 2012	February 2013
	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(percent)	(percent)
California .....	11,975	9,700	12,350	3.1	27.3
Missouri .....	2,668	2,410	1,638	-38.6	-32.0
Oregon .....	1,291	883	1,042	-19.3	18.0
Wisconsin .....	1,595	1,422	1,726	8.2	21.4
Other States <sup>1</sup> .....	55,643	47,996	52,701	-5.3	9.8
United States .....	73,172	62,411	69,457	-5.1	11.3
Atlantic .....	13,939	12,012	13,006	-6.7	8.3
Central .....	39,662	35,781	39,058	-1.5	9.2
West .....	19,571	14,618	17,393	-11.1	19.0

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

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