



Dairy Products

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May 2013 Highlights

Total cheese output (excluding cottage cheese) was 954 million pounds, 3.9 percent above May 2012 and 2.6 percent above April 2013.

Italian type cheese production totaled 402 million pounds, 2.7 percent above May 2012 and 1.1 percent above April 2013.

American type cheese production totaled 389 million pounds, 5.9 percent above May 2012 and 3.3 percent above April 2013.

Butter production was 167 million pounds, 1.5 percent above May 2012 but 0.2 percent below April 2013.

Dry milk powders (comparisons with May 2012)

Nonfat dry milk, human - 167 million pounds, down 13.4 percent.

Skim milk powders - 54.6 million pounds, up 272.3 percent.

Whey products (comparisons with May 2012)

Dry whey, total - 78.0 million pounds, down 10.0 percent.

Lactose, human and animal - 91.8 million pounds, up 4.8 percent.

Whey protein concentrate, total - 42.8 million pounds, up 16.9 percent.

Frozen products (comparisons with May 2012)

Ice cream, regular (hard) - 77.8 million gallons, up 0.1 percent.

Ice cream, lowfat (total) - 42.2 million gallons, down 11.1 percent.

Sherbet (hard) - 4.56 million gallons, up 18.0 percent.

Frozen yogurt (total) - 7.55 million gallons, up 5.7 percent.

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

Product	May 2012	April 2013	May 2013	Change from	
				May 2012	April 2013
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
Butter	164,133	166,937	166,561	1.5	-0.2
Cheese					
American types ¹	367,534	376,768	389,350	5.9	3.3
Cheddar	268,418	279,219	283,755	5.7	1.6
Other American types	99,116	97,549	105,595	6.5	8.2
Blue and Gorgonzola	8,046	7,432	7,477	-7.1	0.6
Brick and Muenster	14,465	13,835	15,385	6.4	11.2
Cream and Neufchatel	62,167	62,626	66,453	6.9	6.1
Feta	8,415	8,460	9,134	8.5	8.0
Gouda	5,930	5,138	3,770	-36.4	-26.6
Hispanic	19,158	19,512	19,866	3.7	1.8
Italian types	391,465	397,630	402,165	2.7	1.1
Mozzarella	305,941	306,923	315,360	3.1	2.7
Parmesan	28,258	29,936	29,289	3.6	-2.2
Provolone	29,843	33,893	29,478	-1.2	-13.0
Ricotta	16,706	17,624	17,979	7.6	2.0
Romano	4,614	3,632	4,027	-12.7	10.9
Other Italian types	6,103	5,622	6,032	-1.2	7.3
Swiss	28,614	25,145	27,128	-5.2	7.9
All other types	12,259	13,630	13,179	7.5	-3.3
Total cheese	918,053	930,176	953,907	3.9	2.6
Cottage cheese, curd ²	37,915	33,556	34,249	-9.7	2.1
Cottage cheese, cream ³	28,633	25,202	27,380	-4.4	8.6
Cottage cheese, lowfat ⁴	35,113	32,850	32,883	-6.4	0.1
Sour cream	109,795	97,992	109,889	0.1	12.1
Yogurt, plain and flavored	367,658	378,118	391,288	6.4	3.5
	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(percent)	(percent)
Frozen products					
Ice cream, regular, hard	77,726	72,170	77,813	0.1	7.8
Ice cream, lowfat, hard	20,168	19,544	20,687	2.6	5.8
Ice cream, lowfat, soft	27,343	19,012	21,552	-21.2	13.4
Ice cream, lowfat, total	47,511	38,556	42,239	-11.1	9.6
Ice cream, nonfat, hard	1,222	1,152	1,253	2.5	8.8
Sherbet, hard	3,861	4,375	4,556	18.0	4.1
Frozen yogurt, total	7,144	7,153	7,552	5.7	5.6
Regular and lowfat, hard	1,945	2,581	2,713	39.5	5.1
Nonfat, hard	510	630	553	8.4	-12.2
Other frozen dairy products	1,055	1,064	1,125	6.6	5.7
Water and juice ices	7,610	5,610	6,106	-19.8	8.8
Mix for frozen products					
Ice cream, regular, mix	44,908	41,650	44,490	-0.9	6.8
Ice cream, lowfat, mix	26,282	21,671	23,793	-9.5	9.8
Ice cream, nonfat, mix	920	813	865	-6.0	6.4
Sherbet mix	2,569	2,623	2,433	-5.3	-7.2
Yogurt mix	3,906	4,335	4,577	17.2	5.6

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 2012 and 2013**

Product	May 2012	April 2013	May 2013	Change from	
				May 2012	April 2013
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
Condensed whey, solids content ¹					
Sweet-type, human	9,168	8,929	8,584	-6.4	-3.9
Dry whey products					
Dry whey, human	82,452	78,252	74,166	-10.0	-5.2
Dry whey, animal	4,301	3,388	3,882	-9.7	14.6
Dry whey, total	86,753	81,640	78,048	-10.0	-4.4
Reduced lactose and minerals					
Human	3,059	2,071	2,687	-12.2	29.7
Animal	4,866	5,685	5,485	12.7	-3.5
Whey protein concentrate					
Human ²	34,213	39,717	41,826	22.3	5.3
Animal ²	2,421	824	981	-59.5	19.1
Total ²	36,634	40,541	42,807	16.9	5.6
25.0-49.9 percent ³	20,293	20,024	20,850	2.7	4.1
50.0-89.9 percent ³	16,341	20,517	21,957	34.4	7.0
Whey protein isolates ⁴	5,422	6,100	6,643	22.5	8.9
Lactose, human and animal	87,529	89,620	91,761	4.8	2.4
Manufacturers' stocks end of month ⁵					
Dry whey products					
Dry whey, human	45,727	66,243	62,153	35.9	-6.2
Dry whey, animal	3,039	2,212	2,254	-25.8	1.9
Dry whey, total	48,766	68,455	64,407	32.1	-5.9
Reduced Lactose and minerals					
Human and animal ⁶	8,765	6,640	7,352	-16.1	10.7
Whey protein concentrate					
Human ²	49,367	54,729	56,078	13.6	2.5
Animal ²	2,502	1,580	1,715	-31.5	8.5
Total ²	51,869	56,309	57,793	11.4	2.6
25.0-49.9 percent ³	32,121	25,085	23,098	-28.1	-7.9
50.0-89.9 percent ³	19,748	31,224	34,695	75.7	11.1
Whey protein isolates ⁴	7,247	10,710	9,828	35.6	-8.2
Lactose, human and animal	84,825	89,975	90,775	7.0	0.9
	(cents per pound)	(cents per pound)	(cents per pound)	(cents change)	(cents change)
Manufacturers' selling price ⁷					
Dry whey, animal	34.6	36.9	40.0	5.4	3.0

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 2012 and 2013**

Product	May 2012	April 2013	May 2013	Change from	
				May 2012	April 2013
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
Production					
Bulk condensed milk					
Skim, unsweetened	155,125	141,801	151,456	-2.4	6.8
Dry milk products					
Dry buttermilk, total	8,846	11,421	10,299	16.4	-9.8
Dry skim milk, animal	1,073	729	1,115	3.9	52.9
Dry whole milk	5,278	6,169	5,032	-4.7	-18.4
Milk protein concentrate, total ¹	11,077	10,557	12,275	10.8	16.3
Nonfat dry milk, human	193,362	160,117	167,421	-13.4	4.6
Skim milk powder, total ²	14,675	39,751	54,641	272.3	37.5
Manufacturers' stocks end-of-month ³					
Dry milk products					
Dry buttermilk, total	19,540	17,465	17,557	-10.1	0.5
Dry skim milk, animal	3,647	1,392	1,888	-48.2	35.6
Dry whole milk	7,962	4,479	4,795	-39.8	7.1
Nonfat dry milk, human	215,434	207,614	226,718	5.2	9.2
Manufacturers' shipments ⁴					
Dry milk products					
Nonfat dry milk, human	195,527	176,870	124,203	-36.5	-29.8

¹ Dry milk protein concentrate, 40-89.9 percent.

² Includes protein standardized and blends.

³ Stocks held by manufacturers at all points and in transit.

⁴ For dry products, shipments of bulk goods.

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

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

Product and month	By month			Cumulative		
	2012	2013	Change from 2012	2012	2013	Change from 2012
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
Total cheese						
January	911,942	935,677	2.6	911,942	935,677	2.6
February	861,487	855,778	-0.7	1,773,429	1,791,455	1.0
March	956,196	955,600	-0.1	2,729,625	2,747,055	0.6
April	899,436	930,176	3.4	3,629,061	3,677,231	1.3
May	918,053	953,907	3.9	4,547,114	4,631,138	1.8
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		
Total American cheese types ¹						
January	366,688	376,297	2.6	366,688	376,297	2.6
February	344,565	346,687	0.6	711,253	722,984	1.6
March	378,405	384,584	1.6	1,089,658	1,107,568	1.6
April	364,148	376,768	3.5	1,453,806	1,484,336	2.1
May	367,534	389,350	5.9	1,821,340	1,873,686	2.9
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		
Cheddar cheese						
January	271,994	280,715	3.2	271,994	280,715	3.2
February	253,013	251,357	-0.7	525,007	532,072	1.3
March	274,776	284,003	3.4	799,783	816,075	2.0
April	264,571	279,219	5.5	1,064,354	1,095,294	2.9
May	268,418	283,755	5.7	1,332,772	1,379,049	3.5
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)
Total Italian cheese types						
January	400,844	400,094	-0.2	400,844	400,094	-0.2
February	372,265	360,870	-3.1	773,109	760,964	-1.6
March	410,544	413,465	0.7	1,183,653	1,174,429	-0.8
April	385,854	397,630	3.1	1,569,507	1,572,059	0.2
May	391,465	402,165	2.7	1,960,972	1,974,224	0.7
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		
Mozzarella						
January	311,666	311,459	-0.1	311,666	311,459	-0.1
February	291,278	278,934	-4.2	602,944	590,393	-2.1
March	318,490	323,041	1.4	921,434	913,434	-0.9
April	302,218	306,923	1.6	1,223,652	1,220,357	-0.3
May	305,941	315,360	3.1	1,529,593	1,535,717	0.4
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		
Other Italian cheese types						
January	5,552	6,085	9.6	5,552	6,085	9.6
February	5,279	5,571	5.5	10,831	11,656	7.6
March	5,688	6,627	16.5	16,519	18,283	10.7
April	5,470	5,622	2.8	21,989	23,905	8.7
May	6,103	6,032	-1.2	28,092	29,937	6.6
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)
Butter						
January	181,571	188,079	3.6	181,571	188,079	3.6
February	170,584	173,811	1.9	352,155	361,890	2.8
March	176,287	181,967	3.2	528,442	543,857	2.9
April	169,896	166,937	-1.7	698,338	710,794	1.8
May	164,133	166,561	1.5	862,471	877,355	1.7
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		
Nonfat dry milk, human						
January	152,085	142,799	-6.1	152,085	142,799	-6.1
February	171,394	137,674	-19.7	323,479	280,473	-13.3
March	189,227	150,283	-20.6	512,706	430,756	-16.0
April	190,728	160,117	-16.0	703,434	590,873	-16.0
May	193,362	167,421	-13.4	896,796	758,294	-15.4
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		
Skim milk powders ²						
January	40,928	47,980	17.2	40,928	47,980	17.2
February	18,635	43,178	131.7	59,563	91,158	53.0
March	12,638	47,546	276.2	72,201	138,704	92.1
April	18,699	39,751	112.6	90,900	178,455	96.3
May	14,675	54,641	272.3	105,575	233,096	120.8
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)
Dry whey, total ³						
January	96,072	90,646	-5.6	96,072	90,646	-5.6
February	89,282	77,077	-13.7	185,354	167,723	-9.5
March	88,011	83,232	-5.4	273,365	250,955	-8.2
April	84,170	81,640	-3.0	357,535	332,595	-7.0
May	86,753	78,048	-10.0	444,288	410,643	-7.6
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		
Lactose, human and animal						
January	86,789	88,654	2.1	86,789	88,654	2.1
February	81,387	78,212	-3.9	168,176	166,866	-0.8
March	90,862	93,187	2.6	259,038	260,053	0.4
April	87,346	89,620	2.6	346,384	349,673	0.9
May	87,529	91,761	4.8	433,913	441,434	1.7
June	88,177			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		
Whey protein concentrate, total						
January	38,844	36,825	-5.2	38,844	36,825	-5.2
February	34,740	34,277	-1.3	73,584	71,102	-3.4
March	39,211	38,919	-0.7	112,795	110,021	-2.5
April	37,090	40,541	9.3	149,885	150,562	0.5
May	36,634	42,807	16.9	186,519	193,369	3.7
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)
Cottage cheese, cream						
January	26,777	27,639	3.2	26,777	27,639	3.2
February	26,590	24,993	-6.0	53,367	52,632	-1.4
March	26,866	26,762	-0.4	80,233	79,394	-1.0
April	25,761	25,202	-2.2	105,994	104,596	-1.3
May	28,633	27,380	-4.4	134,627	131,976	-2.0
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		
Cottage cheese, lowfat						
January	33,366	33,423	0.2	33,366	33,423	0.2
February	32,367	30,740	-5.0	65,733	64,163	-2.4
March	32,601	32,736	0.4	98,334	96,899	-1.5
April	31,707	32,850	3.6	130,041	129,749	-0.2
May	35,113	32,883	-6.4	165,154	162,632	-1.5
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		
Sour cream						
January	103,114	107,887	4.6	103,114	107,887	4.6
February	97,924	94,963	-3.0	201,038	202,850	0.9
March	108,557	105,081	-3.2	309,595	307,931	-0.5
April	97,091	97,992	0.9	406,686	405,923	-0.2
May	109,795	109,889	0.1	516,481	515,812	-0.1
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)
Ice cream, regular hard						
January	56,490	56,053	-0.8	56,490	56,053	-0.8
February	63,707	62,411	-2.0	120,197	118,464	-1.4
March	73,172	70,197	-4.1	193,369	188,661	-2.4
April	70,485	72,170	2.4	263,854	260,831	-1.1
May	77,726	77,813	0.1	341,580	338,644	-0.9
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		
Ice cream, lowfat total						
January	32,985	28,498	-13.6	32,985	28,498	-13.6
February	37,414	32,109	-14.2	70,399	60,607	-13.9
March	46,872	40,459	-13.7	117,271	101,066	-13.8
April	44,490	38,556	-13.3	161,761	139,622	-13.7
May	47,511	42,239	-11.1	209,272	181,861	-13.1
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		
Sherbet, hard						
January	3,078	2,996	-2.7	3,078	2,996	-2.7
February	3,303	3,298	-0.2	6,381	6,294	-1.4
March	4,417	4,408	-0.2	10,798	10,702	-0.9
April	4,023	4,375	8.7	14,821	15,077	1.7
May	3,861	4,556	18.0	18,682	19,633	5.1
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)
Yogurt, plain and flavored						
January	384,125	394,753	2.8	384,125	394,753	2.8
February	364,344	359,285	-1.4	748,469	754,038	0.7
March	403,718	419,600	3.9	1,152,187	1,173,638	1.9
April	349,245	378,118	8.3	1,501,432	1,551,756	3.4
May	367,658	391,288	6.4	1,869,090	1,943,044	4.0
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)
Frozen yogurt, total						
January	5,461	3,648	-33.2	5,461	3,648	-33.2
February	6,721	5,757	-14.3	12,182	9,405	-22.8
March	6,682	6,400	-4.2	18,864	15,805	-16.2
April	6,512	7,153	9.8	25,376	22,958	-9.5
May	7,144	7,552	5.7	32,520	30,510	-6.2
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		

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 2012 and 2013

State	May 2012	April 2013	May 2013	Change from	
				May 2012	April 2013
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	194,103	191,616	198,361	2.2	3.5
Idaho	70,789	71,699	69,761	-1.5	-2.7
Illinois	6,203	5,656	5,868	-5.4	3.7
Iowa	22,889	23,686	23,771	3.9	0.4
Minnesota	54,131	55,136	57,202	5.7	3.7
New Mexico	65,655	62,375	64,873	-1.2	4.0
New York	57,793	64,524	63,372	9.7	-1.8
Ohio	16,284	15,213	17,304	6.3	13.7
Pennsylvania	35,057	35,686	35,333	0.8	-1.0
South Dakota	21,477	22,104	22,087	2.8	-0.1
Vermont	9,070	11,185	12,206	34.6	9.1
Wisconsin	233,879	236,590	244,173	4.4	3.2
Other States ¹	130,723	134,706	139,596	6.8	3.6
United States	918,053	930,176	953,907	3.9	2.6
Atlantic	110,605	119,574	119,628	8.2	-
Central	414,518	417,070	431,330	4.1	3.4
West	392,930	393,532	402,949	2.5	2.4

- Represents zero.

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 2012 and 2013

State	May 2012	April 2013	May 2013	Change from	
				May 2012	April 2013
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	50,405	52,421	52,232	3.6	-0.4
Idaho	49,142	48,211	50,895	3.6	5.6
Iowa	17,798	16,224	16,084	-9.6	-0.9
Oregon	15,701	16,236	16,559	5.5	2.0
Wisconsin	72,396	74,964	77,100	6.5	2.8
Other States ¹	162,092	168,712	176,480	8.9	4.6
United States	367,534	376,768	389,350	5.9	3.3
Atlantic	14,899	17,548	18,193	22.1	3.7
Central	179,161	182,893	190,072	6.1	3.9
West	173,474	176,327	181,085	4.4	2.7

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 2012 and 2013

State	May 2012	April 2013	May 2013	Change from	
				May 2012	April 2013
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	29,286	30,357	30,283	3.4	-0.2
Idaho	38,936	35,756	38,458	-1.2	7.6
Iowa	11,444	9,728	9,706	-15.2	-0.2
Minnesota	40,960	42,427	46,421	13.3	9.4
Wisconsin	49,816	52,425	52,400	5.2	-
Other States ¹	97,976	108,526	106,487	8.7	-1.9
United States	268,418	279,219	283,755	5.7	1.6
Atlantic	14,732	17,344	18,016	22.3	3.9
Central	128,263	134,271	135,954	6.0	1.3
West	125,423	127,604	129,785	3.5	1.7

- Represents zero.

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 2012 and 2013

State	May 2012	April 2013	May 2013	Change from	
				May 2012	April 2013
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	124,155	119,251	125,911	1.4	5.6
Idaho	17,253	18,428	13,739	-20.4	-25.4
New York	28,616	28,956	29,938	4.6	3.4
Pennsylvania	22,392	22,654	21,773	-2.8	-3.9
Wisconsin	115,436	117,963	119,013	3.1	0.9
Other States ¹	83,613	90,378	91,791	9.8	1.6
United States	391,465	397,630	402,165	2.7	1.1
Atlantic	58,162	57,977	58,364	0.3	0.7
Central	154,788	161,156	161,209	4.1	-
West	178,515	178,497	182,592	2.3	2.3

- 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 2012 and 2013

State	May 2012	April 2013	May 2013	Change from	
				May 2012	April 2013
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	113,149	109,836	115,725	2.3	5.4
Idaho	14,355	15,669	11,748	-18.2	-25.0
New York	16,917	16,668	17,860	5.6	7.2
Wisconsin	78,023	76,520	81,200	4.1	6.1
Other States ¹	83,497	88,230	88,827	6.4	0.7
United States	305,941	306,923	315,360	3.1	2.7
Atlantic	40,251	39,644	40,001	-0.6	0.9
Central	102,736	102,814	106,209	3.4	3.3
West	162,954	164,465	169,150	3.8	2.8

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

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

State	May 2012	April 2013	May 2013	Change from	
				May 2012	April 2013
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	59,734	56,822	56,786	-4.9	-0.1
Other States ¹	104,399	110,115	109,775	5.1	-0.3
United States	164,133	166,937	166,561	1.5	-0.2
Atlantic	15,376	18,911	19,070	24.0	0.8
Central	60,630	60,115	61,507	1.4	2.3
West	88,127	87,911	85,984	-2.4	-2.2

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 2012 and 2013

State	May 2012	April 2013	May 2013	Change from	
				May 2012	April 2013
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	97,752	70,167	58,498	-40.2	-16.6
Other States ¹	95,610	89,950	108,923	13.9	21.1
United States	193,362	160,117	167,421	-13.4	4.6
Atlantic	19,711	23,607	27,154	37.8	15.0
Central	26,905	25,210	45,204	68.0	79.3
West	146,746	111,300	95,063	-35.2	-14.6

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 2012 and 2013

State	May 2012	April 2013	May 2013	Change from	
				May 2012	April 2013
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
New York	12,657	9,313	9,360	-26.0	0.5
Wisconsin	24,581	28,307	27,167	10.5	-4.0
Other States ¹	45,214	40,632	37,639	-16.8	-7.4
United States	82,452	78,252	74,166	-10.0	-5.2
Atlantic	22,256	18,905	18,445	-17.1	-2.4
Central	38,948	41,374	39,432	1.2	-4.7
West	21,248	17,973	16,289	-23.3	-9.4

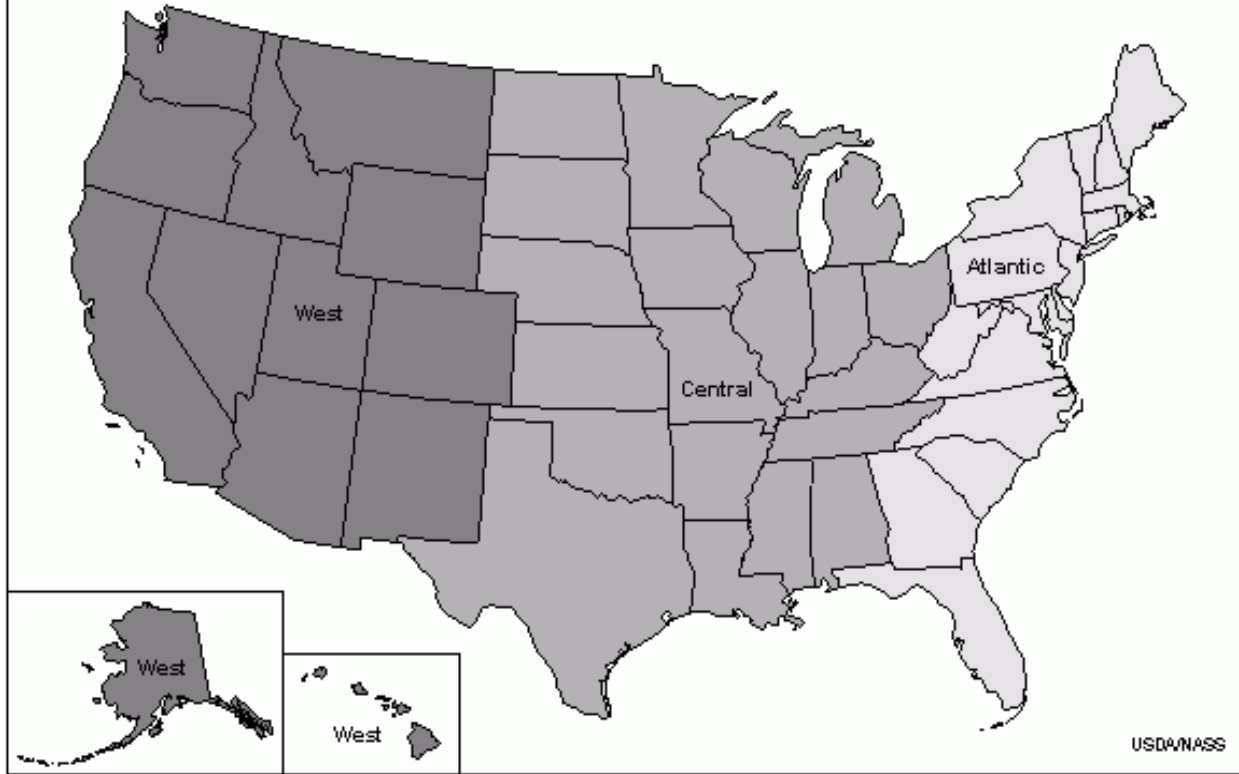
¹ States not shown when fewer than 3 plants reported or individual plant operations could be disclosed.

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

State	May 2012	April 2013	May 2013	Change from	
				May 2012	April 2013
	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(percent)	(percent)
California	12,737	13,085	13,802	8.4	5.5
Missouri	2,428	2,272	2,263	-6.8	-0.4
Oregon	1,882	1,152	1,365	-27.5	18.5
Wisconsin	2,172	1,519	2,185	0.6	43.8
Other States ¹	58,507	54,142	58,198	-0.5	7.5
United States	77,726	72,170	77,813	0.1	7.8
Atlantic	15,165	14,827	15,063	-0.7	1.6
Central	42,678	38,204	42,602	-0.2	11.5
West	19,883	19,139	20,148	1.3	5.3

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

Dairy Products Regions



Statistical Methodology

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

Sampling frames and sample size: In 2012, there were 1,288 manufacturers that produced one or more dairy products. In states with small numbers of plants, reports are received from all plants each month. In states with large numbers of plants, survey procedures are designed to obtain monthly reports from all large plants and from a sample of small plants. In some states, the State Departments of Agriculture assist in collection of data, which eliminates duplicate reporting and reduces respondent burden.

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

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

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

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

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

Information Contacts

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

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