



Dairy Products

ISSN: 1949-0399

Released April 4, 2011, by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, United States Department of Agriculture (USDA).

February 2011 Highlights

Total cheese output (excluding cottage cheese) was 807 million pounds, 4.1 percent above February 2010 but 9.0 percent below January 2011.

Italian type cheese production totaled 352 million pounds, 6.6 percent above February 2010 but 9.3 percent below January 2011.

American type cheese production totaled 329 million pounds, 2.6 percent above February 2010 but 8.5 percent below January 2011.

Butter production was 150 million pounds, 6.4 percent above February 2010 but 9.8 percent below January 2011.

Dry milk powders (comparisons with February 2010)

Nonfat dry milk, human - 110 million pounds, down 6.9 percent.

Skim milk powders - 36.2 million pounds, up 64.4 percent.

Whey products (comparisons with February 2010)

Dry whey, total - 81.8 million pounds, up 4.6 percent.

Lactose, human and animal - 74.9 million pounds, up 17.7 percent.

Whey protein concentrate, total - 31.9 million pounds, up 1.7 percent.

Frozen products (comparisons with February 2010)

Ice cream, regular (hard) - 62.3 million gallons, down 1.4 percent.

Ice cream, lowfat (total) - 27.9 million gallons, up 1.2 percent.

Sherbet (hard) - 3.11 million gallons, down 15.8 percent.

Frozen yogurt (total) - 4.23 million gallons, down 5.2 percent.

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Dairy Products Production by Product – United States: February 2010 and 2011

Product	February 2010	January 2011	February 2011	Change from	
				February 2010	January 2011
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
Butter	141,052	166,425	150,103	6.4	-9.8
Cheese					
American types ¹	320,426	359,347	328,759	2.6	-8.5
Cheddar	244,389	274,823	242,935	-0.6	-11.6
Other American types	76,037	84,524	85,824	12.9	1.5
Brick and Muenster	8,447	10,584	10,022	18.6	-5.3
Cream and Neufchatel	56,718	54,520	51,425	-9.3	-5.7
Hispanic	15,841	18,427	17,540	10.7	-4.8
Italian types	330,382	388,351	352,188	6.6	-9.3
Mozzarella	259,090	308,227	274,181	5.8	-11.0
Parmesan	18,937	22,614	22,805	20.4	0.8
Provolone	26,305	26,891	27,367	4.0	1.8
Ricotta	19,548	22,551	18,970	-3.0	-15.9
Romano	3,364	3,393	3,741	11.2	10.3
Other Italian types	3,138	4,675	5,124	63.3	9.6
Swiss	24,540	27,086	24,549		-9.4
All other types	18,919	28,540	22,658	19.8	-20.6
Total cheese	775,273	886,855	807,141	4.1	-9.0
Cottage cheese, curd ²	32,365	34,673	34,599	6.9	-0.2
Cottage cheese, cream ³	25,776	26,771	26,556	3.0	-0.8
Cottage cheese, lowfat ⁴	30,057	31,425	31,191	3.8	-0.7
Sour cream	85,163	97,219	88,057	3.4	-9.4
Yogurt, plain and flavored	314,514	359,768	351,524	11.8	-2.3
	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(percent)	(percent)
Frozen products					
Ice cream, regular, hard	63,171	55,942	62,291	-1.4	11.3
Ice cream, lowfat, hard	9,819	10,199	12,941	31.8	26.9
Ice cream, lowfat, soft	17,719	13,624	14,926	-15.8	9.6
Ice cream, lowfat, total	27,538	23,823	27,867	1.2	17.0
Ice cream, nonfat, hard	971	1,179	916	-5.7	-22.3
Sherbet, hard	3,691	3,189	3,109	-15.8	-2.5
Frozen yogurt, total	4,458	3,607	4,226	-5.2	17.2
Regular and lowfat, hard	1,358	1,213	1,231	-9.4	1.5
Nonfat, hard	465	345	443	-4.7	28.4
Other frozen dairy products	764	911	919	20.3	0.9
Water and juice ices	4,009	3,711	5,042	25.8	35.9
Mix for frozen products					
Ice cream, regular, mix	36,921	31,452	34,439	-6.7	9.5
Ice cream, lowfat, mix	15,778	13,526	15,749	-0.2	16.4
Ice cream, nonfat, mix	559	656	528	-5.5	-19.5
Sherbet mix	2,369	2,070	2,031	-14.3	-1.9
Yogurt mix	2,702	2,186	2,561	-5.2	17.2

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: February 2010 and 2011

Product	February 2010	January 2011	February 2011	Change from	
				February 2010	January 2011
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
Production					
Condensed whey, solids content ¹					
Sweet-type, human	7,252	8,522	8,398	15.8	-1.5
Dry whey products					
Dry whey, human	75,253	86,471	79,491	5.6	-8.1
Dry whey, animal	2,991	4,598	2,332	-22.0	-49.3
Dry whey, total	78,244	91,069	81,823	4.6	-10.2
Reduced lactose and minerals					
Human	1,516	2,629	2,240	47.8	-14.8
Animal	4,519	4,570	4,327	-4.2	-5.3
Whey protein concentrate					
Human ²	29,021	32,579	29,876	2.9	-8.3
Animal ²	2,370	2,292	2,037	-14.1	-11.1
Total ²	31,391	34,871	31,913	1.7	-8.5
25.0-49.9 percent ³	18,997	19,391	18,068	-4.9	-6.8
50.0-89.9 percent ³	12,394	15,480	13,845	11.7	-10.6
Whey protein isolates ⁴	4,303	5,303	4,005	-6.9	-24.5
Lactose, human and animal	63,620	81,410	74,872	17.7	-8.0
Manufacturers' stocks end of month ⁵					
Dry whey products					
Dry whey, human	42,435	45,151	46,972	10.7	4.0
Dry whey, animal	1,592	3,769	2,236	40.5	-40.7
Dry whey, total	44,027	48,920	49,208	11.8	0.6
Reduced Lactose and minerals					
Human and animal ⁶	8,422	5,748	4,401	-47.7	-23.4
Whey protein concentrate					
Human ²	33,494	32,429	32,256	-3.7	-0.5
Animal ²	2,123	1,507	1,407	-33.7	-6.6
Total ²	35,617	33,936	33,663	-5.5	-0.8
25.0-49.9 percent ³	21,488	15,847	14,452	-32.7	-8.8
50.0-89.9 percent ³	14,129	18,089	19,211	36.0	6.2
Whey protein isolates ⁴	10,391	5,198	4,278	-58.8	-17.7
Lactose, human and animal	65,736	79,573	76,934	17.0	-3.3
	(cents per pound)	(cents per pound)	(cents per pound)	(cents change)	(cents change)
Manufacturers' selling price ⁷					
Dry whey, animal	29.4	35.7	34.9	5.5	-0.8

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

² Whey protein concentrate, 25.0 to 89.9 percent.

³ Whey protein concentrate, human and animal.

⁴ Whey protein isolate, 90.0 percent or greater.

⁵ Stocks held by manufacturers at all points and in transit.

⁶ Reduced lactose and minerals stocks combined to avoid disclosure of individual operations.

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

**Canned, Condensed, and Dry Milk Products Production, Stocks, and Shipments – United States:
February 2010 and 2011**

Product	February 2010	January 2011	February 2011	Change from	
				February 2010	January 2011
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
Production					
Bulk condensed milk					
Skim, unsweetened	111,811	122,611	116,031	3.8	-5.4
Canned milk					
Evaporated and condensed whole	37,809	38,979	39,625	4.8	1.7
Dry milk products					
Dry buttermilk, total	7,816	11,486	8,596	10.0	-25.2
Dry skim milk, animal	667	632	679	1.8	7.4
Dry whole milk	5,107	6,206	4,985	-2.4	-19.7
Milk protein concentrate, total ¹	6,869	7,433	7,196	4.8	-3.2
Nonfat dry milk, human	117,768	117,033	109,585	-6.9	-6.4
Skim milk powder, total ²	22,029	39,988	36,209	64.4	-9.5
Manufacturers' stocks end-of-month ³					
Canned milk					
Evaporated and condensed whole	61,508	61,340	43,679	-29.0	-28.8
Dry milk products					
Dry buttermilk, total	15,293	9,694	10,395	-32.0	7.2
Dry skim milk, animal	1,322	1,193	1,647	24.6	38.1
Dry whole milk	6,563	7,699	7,277	10.9	-5.5
Nonfat dry milk, human	151,639	97,753	99,689	-34.3	2.0
Manufacturers' shipments ⁴					
Dry milk products					
Nonfat dry milk, human	98,390	117,582	94,034	-4.4	-20.0

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: 2010 and 2011

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

Product and month	By month			Cumulative		
	2010	2011	Change from 2010	2010	2011	Change from 2010
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
Total cheese						
January	841,646	886,855	5.4	841,646	886,855	5.4
February	775,273	807,141	4.1	1,616,919	1,693,996	4.8
March	891,633			2,508,552		
April	862,016			3,370,568		
May	879,255			4,249,823		
June	880,850			5,130,673		
July	881,641			6,012,314		
August	875,194			6,887,508		
September	878,632			7,766,140		
October	891,852			8,657,992		
November	882,960			9,540,952		
December	907,782			10,448,734		
Total American cheese types ¹						
January	347,563	359,347	3.4	347,563	359,347	3.4
February	320,426	328,759	2.6	667,989	688,106	3.0
March	362,257			1,030,246		
April	358,530			1,388,776		
May	370,281			1,759,057		
June	369,978			2,129,035		
July	368,415			2,497,450		
August	353,703			2,851,153		
September	353,837			3,204,990		
October	363,022			3,568,012		
November	350,033			3,918,045		
December	371,137			4,289,182		
Cheddar cheese						
January	266,552	274,823	3.1	266,552	274,823	3.1
February	244,389	242,935	-0.6	510,941	517,758	1.3
March	281,966			792,907		
April	270,957			1,063,864		
May	287,213			1,351,077		
June	286,084			1,637,161		
July	276,134			1,913,295		
August	264,096			2,177,391		
September	258,581			2,435,972		
October	273,568			2,709,540		
November	263,607			2,973,147		
December	281,875			3,255,022		

See footnote(s) at end of table.

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Dairy Products Production by Product and Month – United States: 2010 and 2011 (continued)

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

Product and month	By month			Cumulative		
	2010	2011	Change from 2010	2010	2011	Change from 2010
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
Total Italian cheese types						
January	362,733	388,351	7.1	362,733	388,351	7.1
February	330,382	352,188	6.6	693,115	740,539	6.8
March	380,577			1,073,692		
April	366,567			1,440,259		
May	369,452			1,809,711		
June	362,990			2,172,701		
July	364,325			2,537,026		
August	366,651			2,903,677		
September	365,874			3,269,551		
October	369,232			3,638,783		
November	380,701			4,019,484		
December	390,684			4,410,168		
Mozzarella						
January	285,020	308,227	8.1	285,020	308,227	8.1
February	259,090	274,181	5.8	544,110	582,408	7.0
March	300,297			844,407		
April	288,293			1,132,700		
May	293,788			1,426,488		
June	290,585			1,717,073		
July	291,658			2,008,731		
August	294,829			2,303,560		
September	291,023			2,594,583		
October	292,007			2,886,590		
November	299,378			3,185,968		
December	308,715			3,494,683		
Other Italian cheese types						
January	3,278	4,675	42.6	3,278	4,675	42.6
February	3,138	5,124	63.3	6,416	9,799	52.7
March	4,131			10,547		
April	3,936			14,483		
May	4,536			19,019		
June	4,262			23,281		
July	4,344			27,625		
August	4,447			32,072		
September	4,575			36,647		
October	4,519			41,166		
November	5,074			46,240		
December	5,653			51,893		

See footnote(s) at end of table.

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Dairy Products Production by Product and Month – United States: 2010 and 2011 (continued)

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

Product and month	By month			Cumulative		
	2010	2011	Change from 2010	2010	2011	Change from 2010
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
Butter						
January	162,067	166,425	2.7	162,067	166,425	2.7
February	141,052	150,103	6.4	303,119	316,528	4.4
March	138,837			441,956		
April	133,152			575,108		
May	130,489			705,597		
June	117,267			822,864		
July	111,001			933,865		
August	101,660			1,035,525		
September	113,790			1,149,315		
October	121,610			1,270,925		
November	133,257			1,404,182		
December	158,051			1,562,233		
Nonfat dry milk, human						
January	128,618	117,033	-9.0	128,618	117,033	-9.0
February	117,768	109,585	-6.9	246,386	226,618	-8.0
March	137,179			383,565		
April	152,373			535,938		
May	154,327			690,265		
June	136,187			826,452		
July	131,819			958,271		
August	119,562			1,077,833		
September	109,296			1,187,129		
October	115,273			1,302,402		
November	116,653			1,419,055		
December	141,394			1,560,449		
Skim milk powders ²						
January	20,581	39,988	94.3	20,581	39,988	94.3
February	22,029	36,209	64.4	42,610	76,197	78.8
March	27,796			70,406		
April	14,463			84,869		
May	17,146			102,015		
June	32,708			134,723		
July	22,626			157,349		
August	15,075			172,424		
September	17,469			189,893		
October	17,522			207,415		
November	19,205			226,620		
December	27,184			253,804		

See footnote(s) at end of table.

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Dairy Products Production by Product and Month – United States: 2010 and 2011 (continued)

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

Product and month	By month			Cumulative		
	2010	2011	Change from 2010	2010	2011	Change from 2010
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
Dry whey, total ³						
January	85,971	91,069	5.9	85,971	91,069	5.9
February	78,244	81,823	4.6	164,215	172,892	5.3
March	92,504			256,719		
April	90,726			347,445		
May	89,577			437,022		
June	86,053			523,075		
July	87,537			610,612		
August	81,856			692,468		
September	78,126			770,594		
October	78,738			849,332		
November	80,101			929,433		
December	89,353			1,018,786		
Lactose, human and animal						
January	66,864	81,410	21.8	66,864	81,410	21.8
February	63,620	74,872	17.7	130,484	156,282	19.8
March	73,870			204,354		
April	71,582			275,936		
May	74,937			350,873		
June	76,068			426,941		
July	78,557			505,498		
August	79,051			584,549		
September	76,136			660,685		
October	73,585			734,270		
November	74,270			808,540		
December	80,292			888,832		
Whey protein concentrate, total						
January	34,686	34,871	0.5	34,686	34,871	0.5
February	31,391	31,913	1.7	66,077	66,784	1.1
March	36,422			102,499		
April	35,681			138,180		
May	35,899			174,079		
June	34,231			208,310		
July	36,026			244,336		
August	35,255			279,591		
September	35,728			315,319		
October	35,351			350,670		
November	34,603			385,273		
December	36,176			421,449		

See footnote(s) at end of table.

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Dairy Products Production by Product and Month – United States: 2010 and 2011 (continued)

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

Product and month	By month			Cumulative		
	2010	2011	Change from 2010	2010	2011	Change from 2010
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
Cottage cheese, cream						
January	24,963	26,771	7.2	24,963	26,771	7.2
February	25,776	26,556	3.0	50,739	53,327	5.1
March	29,099			79,838		
April	26,462			106,300		
May	26,226			132,526		
June	27,061			159,587		
July	27,687			187,274		
August	28,868			216,142		
September	28,007			244,149		
October	25,611			269,760		
November	26,051			295,811		
December	24,120			319,931		
Cottage cheese, lowfat						
January	29,093	31,425	8.0	29,093	31,425	8.0
February	30,057	31,191	3.8	59,150	62,616	5.9
March	35,268			94,418		
April	32,043			126,461		
May	29,863			156,324		
June	32,366			188,690		
July	32,571			221,261		
August	32,415			253,676		
September	33,893			287,569		
October	29,527			317,096		
November	29,577			346,673		
December	28,702			375,375		
Sour cream						
January	89,580	97,219	8.5	89,580	97,219	8.5
February	85,163	88,057	3.4	174,743	185,276	6.0
March	105,351			280,094		
April	90,309			370,403		
May	93,408			463,811		
June	98,411			562,222		
July	90,130			652,352		
August	101,301			753,653		
September	94,876			848,529		
October	101,306			949,835		
November	116,592			1,066,427		
December	111,923			1,178,350		

See footnote(s) at end of table.

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Dairy Products Production by Product and Month – United States: 2010 and 2011 (continued)

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

Product and month	By month			Cumulative		
	2010	2011	Change from 2010	2010	2011	Change from 2010
	(1,000 gallons)	(1,000 gallons)	(percent)	(1,000 gallons)	(1,000 gallons)	(percent)
Ice cream, regular hard						
January	55,429	55,942	0.9	55,429	55,942	0.9
February	63,171	62,291	-1.4	118,600	118,233	-0.3
March	79,940			198,540		
April	78,499			277,039		
May	81,929			358,968		
June	84,255			443,223		
July	78,706			521,929		
August	75,791			597,720		
September	74,089			671,809		
October	61,146			732,955		
November	51,719			784,674		
December	52,298			836,972		
Ice cream, lowfat total						
January	22,695	23,823	5.0	22,695	23,823	5.0
February	27,538	27,867	1.2	50,233	51,690	2.9
March	37,430			87,663		
April	38,601			126,264		
May	37,466			163,730		
June	45,376			209,106		
July	40,959			250,065		
August	39,949			290,014		
September	33,478			323,492		
October	27,934			351,426		
November	25,618			377,044		
December	22,091			399,135		
Sherbet, hard						
January	3,438	3,189	-7.2	3,438	3,189	-7.2
February	3,691	3,109	-15.8	7,129	6,298	-11.7
March	5,048			12,177		
April	4,790			16,967		
May	4,622			21,589		
June	4,827			26,416		
July	4,564			30,980		
August	3,822			34,802		
September	3,540			38,342		
October	3,001			41,343		
November	2,725			44,068		
December	2,874			46,942		

See footnote(s) at end of table.

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Dairy Products Production by Product and Month – United States: 2010 and 2011 (continued)

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

Product and month	By month			Cumulative		
	2010	2011	Change from 2010	2010	2011	Change from 2010
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
Yogurt, plain and flavored						
January	339,217	359,768	6.1	339,217	359,768	6.1
February	314,514	351,524	11.8	653,731	711,292	8.8
March	399,691			1,053,422		
April	332,315			1,385,737		
May	339,906			1,725,643		
June	353,948			2,079,591		
July	340,025			2,419,616		
August	364,592			2,784,208		
September	389,217			3,173,425		
October	339,803			3,513,228		
November	318,722			3,831,950		
December	341,832			4,173,782		
	(1,000 gallons)	(1,000 gallons)	(percent)	(1,000 gallons)	(1,000 gallons)	(percent)
Frozen yogurt, total						
January	3,816	3,607	-5.5	3,816	3,607	-5.5
February	4,458	4,226	-5.2	8,274	7,833	-5.3
March	6,526			14,800		
April	6,816			21,616		
May	6,808			28,424		
June	7,630			36,054		
July	7,577			43,631		
August	6,448			50,079		
September	5,727			55,806		
October	4,488			60,294		
November	4,011			64,305		
December	3,815			68,120		

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: February 2010 and 2011

State	February 2010	January 2011	February 2011	Change from	
				February 2010	January 2011
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	161,726	188,939	172,162	6.5	-8.9
Idaho	61,636	68,436	61,085	-0.9	-10.7
Illinois	5,675	6,152	4,946	-12.8	-19.6
Iowa	18,856	21,107	18,665	-1.0	-11.6
Minnesota	50,282	53,688	47,635	-5.3	-11.3
New Mexico	50,002	68,333	58,858	17.7	-13.9
New York	55,292	56,872	54,857	-0.8	-3.5
Ohio	15,320	17,556	15,793	3.1	-10.0
Pennsylvania	32,631	34,623	30,959	-5.1	-10.6
South Dakota	16,136	23,034	20,152	24.9	-12.5
Vermont	8,825	9,877	8,701	-1.4	-11.9
Wisconsin	197,168	218,265	203,601	3.3	-6.7
Other States ¹	101,724	119,973	109,727	7.9	-8.5
United States	775,273	886,855	807,141	4.1	-9.0
Atlantic	102,758	109,451	101,699	-1.0	-7.1
Central	348,311	394,341	360,968	3.6	-8.5
West	324,204	383,063	344,474	6.3	-10.1

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

American Cheese Production – States and United States: February 2010 and 2011

State	February 2010	January 2011	February 2011	Change from	
				February 2010	January 2011
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	46,865	50,128	44,974	-4.0	-10.3
Idaho	51,405	54,226	49,285	-4.1	-9.1
Iowa	15,398	17,130	14,754	-4.2	-13.9
Oregon	12,413	13,726	12,575	1.3	-8.4
Wisconsin	65,303	66,453	61,161	-6.3	-8.0
Other States ¹	129,042	157,684	146,010	13.1	-7.4
United States	320,426	359,347	328,759	2.6	-8.5
Atlantic	12,047	16,087	15,052	24.9	-6.4
Central	153,459	169,105	154,511	0.7	-8.6
West	154,920	174,155	159,196	2.8	-8.6

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

Cheddar Cheese Production – States and United States: February 2010 and 2011

State	February 2010	January 2011	February 2011	Change from	
				February 2010	January 2011
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	27,068	29,821	24,875	-8.1	-16.6
Idaho	41,988	44,972	37,902	-9.7	-15.7
Iowa	9,365	10,361	8,876	-5.2	-14.3
Minnesota	38,125	41,843	36,779	-3.5	-12.1
Wisconsin	51,928	46,044	43,161	-16.9	-6.3
Other States ¹	75,915	101,782	91,342	20.3	-10.3
United States	244,389	274,823	242,935	-0.6	-11.6
Atlantic	11,565	15,954	14,949	29.3	-6.3
Central	120,729	125,048	114,619	-5.1	-8.3
West	112,095	133,821	113,367	1.1	-15.3

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

Total Italian Cheese Production – States and United States: February 2010 and 2011

State	February 2010	January 2011	February 2011	Change from	
				February 2010	January 2011
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	100,257	119,106	112,000	11.7	-6.0
New York	28,527	30,393	27,064	-5.1	-11.0
Pennsylvania	21,483	23,583	20,195	-6.0	-14.4
Wisconsin	95,963	111,512	104,651	9.1	-6.2
Other States ¹	84,152	103,757	88,278	4.9	-14.9
United States	330,382	388,351	352,188	6.6	-9.3
Atlantic	55,572	60,339	52,831	-4.9	-12.4
Central	130,498	153,020	140,950	8.0	-7.9
West	144,312	174,992	158,407	9.8	-9.5

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

Mozzarella Cheese Production – States and United States: February 2010 and 2011

State	February 2010	January 2011	February 2011	Change from	
				February 2010	January 2011
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	90,194	111,618	101,348	12.4	-9.2
New York	15,867	16,144	14,189	-10.6	-12.1
Wisconsin	65,595	74,189	69,500	6.0	-6.3
Other States ¹	87,434	106,276	89,144	2.0	-16.1
United States	259,090	308,227	274,181	5.8	-11.0
Atlantic	38,025	40,504	34,961	-8.1	-13.7
Central	89,300	103,177	94,244	5.5	-8.7
West	131,765	164,546	144,976	10.0	-11.9

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

Butter Production – States and United States: February 2010 and 2011

State	February 2010	January 2011	February 2011	Change from	
				February 2010	January 2011
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	49,363	53,996	49,751	0.8	-7.9
Other States ¹	91,689	112,429	100,352	9.4	-10.7
United States	141,052	166,425	150,103	6.4	-9.8
Atlantic	14,530	17,861	15,257	5.0	-14.6
Central	53,130	67,176	59,416	11.8	-11.6
West	73,392	81,388	75,430	2.8	-7.3

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: February 2010 and 2011

State	February 2010	January 2011	February 2011	Change from	
				February 2010	January 2011
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	64,986	61,477	53,446	-17.8	-13.1
Other States ¹	52,782	55,556	56,139	6.4	1.0
United States	117,768	117,033	109,585	-6.9	-6.4
Atlantic	15,406	12,888	14,732	-4.4	14.3
Central	11,112	9,642	11,058	-0.5	14.7
West	91,250	94,503	83,795	-8.2	-11.3

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

Dry Whey (Human) Production – States and United States: February 2010 and 2011

State	February 2010	January 2011	February 2011	Change from	
				February 2010	January 2011
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
New York	10,401	7,788	10,677	2.7	37.1
Wisconsin	21,927	26,338	24,100	9.9	-8.5
Other States ¹	42,925	52,345	44,714	4.2	-14.6
United States	75,253	86,471	79,491	5.6	-8.1
Atlantic	19,848	17,971	19,722	-0.6	9.7
Central	36,373	41,131	36,616	0.7	-11.0
West	19,032	27,369	23,153	21.7	-15.4

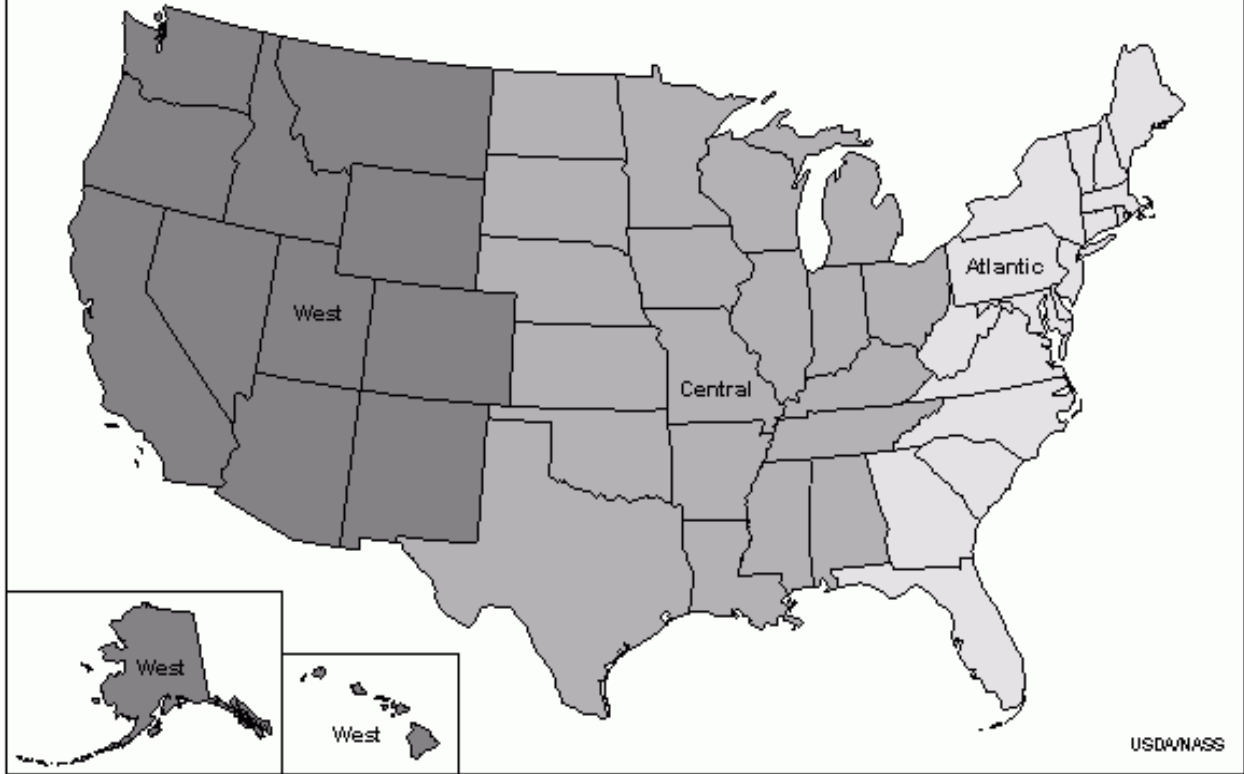
¹ States not shown when fewer than 3 plants reported or individual plant operations could be disclosed.

Ice Cream, Regular (Hard) Production – States and United States: February 2010 and 2011

State	February 2010	January 2011	February 2011	Change from	
				February 2010	January 2011
	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(percent)	(percent)
California	10,121	10,457	11,193	10.6	7.0
Indiana	6,397	5,392	6,053	-5.4	12.3
Massachusetts	2,490	654	1,945	-21.9	197.4
Missouri	2,468	2,196	2,804	13.6	27.7
North Carolina	1,071	896	1,038	-3.1	15.8
Ohio	1,593	1,634	1,453	-8.8	-11.1
Oregon	944	916	1,113	17.9	21.5
Pennsylvania	1,963	3,038	2,204	12.3	-27.5
Texas	3,229	3,151	2,861	-11.4	-9.2
Utah	1,897	1,394	2,050	8.1	47.1
Wisconsin	1,188	1,038	1,253	5.5	20.7
Other States ¹	29,810	25,176	28,324	-5.0	12.5
United States	63,171	55,942	62,291	-1.4	11.3
Atlantic	13,864	11,043	12,799	-7.7	15.9
Central	33,451	29,813	32,263	-3.6	8.2
West	15,856	15,086	17,229	8.7	14.2

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

Dairy Products Regions



Statistical Methodology: Dairy Products

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 2009, there were 1,178 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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