



Dairy Products

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December 2010 Highlights

Total cheese output (excluding cottage cheese) was 904 million pounds, 4.7 percent above December 2009 and 2.4 percent above November 2010.

Italian type cheese production totaled 390 million pounds, 5.5 percent above December 2009 and 2.5 percent above November 2010.

American type cheese production totaled 370 million pounds, 4.9 percent above December 2009 and 5.6 percent above November 2010.

Butter production was 158 million pounds, 4.8 percent above December 2009 and 18.6 percent above November 2010.

Dry milk powders (comparisons with December 2009)

Nonfat dry milk, human - 140 million pounds, up 10.1 percent.

Skim milk powders - 27.2 million pounds, up 20.3 percent.

Whey products (comparisons with December 2009)

Dry whey, total - 89.6 million pounds, up 5.3 percent.

Lactose, human and animal - 80.0 million pounds, up 23.1 percent.

Whey protein concentrate, total - 36.2 million pounds, up 4.0 percent.

Frozen products (comparisons with December 2009)

Ice cream, regular (hard) - 52.3 million gallons, up 6.6 percent.

Ice cream, lowfat (total) - 22.1 million gallons, down 4.0 percent.

Sherbet (hard) - 2.95 million gallons, up 10.5 percent.

Frozen yogurt (total) - 3.85 million gallons, down 12.2 percent.

United States Geographic Regions Dairy Products

Beginning in 2010, USDA will no longer issue data for North Atlantic, South Atlantic, East North Central, West North Central, or South Central regions. North Atlantic and South Atlantic were combined to form the data for the Atlantic region. East North Central, West North Central, and South Central were combined to form the data for the Central region.



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Dairy Products Production by Product – United States: December 2009 and 2010

Product	December 2009	November 2010	December 2010	Change from	
				December 2009	November 2010
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
Butter	150,837	133,257	158,082	4.8	18.6
Cheese					
American types ¹	352,199	350,033	369,565	4.9	5.6
Cheddar	263,062	263,607	280,742	6.7	6.5
Other American types	89,137	86,426	88,823	-0.4	2.8
Brick and Muenster	9,731	10,653	11,104	14.1	4.2
Cream and Neufchatel	61,010	66,432	58,576	-4.0	-11.8
Hispanic	17,961	17,654	19,075	6.2	8.0
Italian types	369,800	380,701	390,307	5.5	2.5
Mozzarella	288,779	299,378	308,841	6.9	3.2
Parmesan	21,233	17,099	17,831	-16.0	4.3
Provolone	28,288	29,443	28,820	1.9	-2.1
Ricotta	23,561	27,019	25,999	10.3	-3.8
Romano	3,870	2,688	3,104	-19.8	15.5
Other Italian types	4,069	5,074	5,712	40.4	12.6
Swiss	28,336	27,780	29,287	3.4	5.4
All other types	24,835	29,707	26,468	6.6	-10.9
Total cheese	863,872	882,960	904,382	4.7	2.4
Cottage cheese, curd ²	32,377	33,359	31,697	-2.1	-5.0
Cottage cheese, cream ³	25,064	26,051	23,761	-5.2	-8.8
Cottage cheese, lowfat ⁴	28,987	29,577	28,696	-1.0	-3.0
Sour cream	107,081	116,592	114,094	6.5	-2.1
Yogurt, plain and flavored	310,056	318,722	339,471	9.5	6.5
	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(percent)	(percent)
Frozen products					
Ice cream, regular, hard	49,098	51,719	52,317	6.6	1.2
Ice cream, lowfat, hard	9,426	9,345	8,709	-7.6	-6.8
Ice cream, lowfat, soft	13,607	16,273	13,409	-1.5	-17.6
Ice cream, lowfat, total	23,033	25,618	22,118	-4.0	-13.7
Ice cream, nonfat, hard	926	737	1,067	15.2	44.8
Sherbet, hard	2,670	2,725	2,951	10.5	8.3
Frozen yogurt, total	4,388	4,011	3,851	-12.2	-4.0
Regular and lowfat, hard	1,131	1,394	1,226	8.4	-12.1
Nonfat, hard	320	341	392	22.5	15.0
Other frozen dairy products	822	836	815	-0.9	-2.5
Water and juice ices	2,212	3,103	2,627	18.8	-15.3
Mix for frozen products					
Ice cream, regular, mix	28,107	29,507	29,448	4.8	-0.2
Ice cream, lowfat, mix	13,316	14,663	12,613	-5.3	-14.0
Ice cream, nonfat, mix	523	435	619	18.4	42.3
Sherbet mix	1,733	1,765	1,836	5.9	4.0
Yogurt mix	2,422	2,431	2,334	-3.6	-4.0

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: December 2009 and 2010

Product	December 2009	November 2010	December 2010	Change from	
				December 2009	November 2010
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
Production					
Condensed whey, solids content ¹					
Sweet-type, human	7,540	8,330	8,202	8.8	-1.5
Dry whey products					
Dry whey, human	80,069	78,178	84,367	5.4	7.9
Dry whey, animal	4,990	1,923	5,212	4.4	171.0
Dry whey, total	85,059	80,101	89,579	5.3	11.8
Reduced lactose and minerals					
Human	2,246	3,004	2,869	27.7	-4.5
Animal	4,782	4,270	4,106	-14.1	-3.8
Whey protein concentrate					
Human ²	31,462	31,771	33,456	6.3	5.3
Animal ²	3,323	2,832	2,722	-18.1	-3.9
Total ²	34,785	34,603	36,178	4.0	4.6
25.0-49.9 percent ³	20,394	19,687	20,138	-1.3	2.3
50.0-89.9 percent ³	14,391	14,916	16,040	11.5	7.5
Whey protein isolates ⁴	4,391	5,770	6,453	47.0	11.8
Lactose, human and animal	64,977	74,270	79,960	23.1	7.7
Manufacturers' stocks end of month ⁵					
Dry whey products					
Dry whey, human	42,063	40,887	42,105	0.1	3.0
Dry whey, animal	1,337	931	4,333	224.1	365.4
Dry whey, total	43,400	41,818	46,438	7.0	11.0
Reduced Lactose and minerals					
Human and animal ⁶	9,717	8,140	8,630	-11.2	6.0
Whey protein concentrate					
Human ²	36,600	30,203	33,719	-7.9	11.6
Animal ²	2,399	2,060	1,822	-24.1	-11.6
Total ²	38,999	32,263	35,541	-8.9	10.2
25.0-49.9 percent ³	22,702	14,953	16,008	-29.5	7.1
50.0-89.9 percent ³	16,297	17,310	19,533	19.9	12.8
Whey protein isolates ⁴	10,416	6,056	4,225	-59.4	-30.2
Lactose, human and animal	55,576	81,311	80,484	44.8	-1.0
	(cents per pound)	(cents per pound)	(cents per pound)	(cents change)	(cents change)
Manufacturers' selling price ⁷					
Dry whey, animal	30.6	21.8	31.2	0.6	9.3

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:
December 2009 and 2010**

Product	December 2009	November 2010	December 2010	Change from	
				December 2009	November 2010
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
Production					
Bulk condensed milk					
Skim, unsweetened	103,644	107,625	100,744	-2.8	-6.4
Canned milk					
Evaporated and condensed whole	41,041	43,188	41,548	1.2	-3.8
Dry milk products					
Dry buttermilk, total	8,718	6,667	9,775	12.1	46.6
Dry skim milk, animal	575	751	616	7.1	-18.0
Dry whole milk	7,079	9,390	5,354	-24.4	-43.0
Milk protein concentrate, total ¹	9,652	4,594	7,404	-23.3	61.2
Nonfat dry milk, human	126,720	116,653	139,500	10.1	19.6
Skim milk powder, total ²	22,601	19,205	27,184	20.3	41.5
Manufacturers' stocks end-of-month ³					
Canned milk					
Evaporated and condensed whole	44,820	64,407	52,237	16.5	-18.9
Dry milk products					
Dry buttermilk, total	10,302	11,473	10,927	6.1	-4.8
Dry skim milk, animal	2,216	1,291	901	-59.3	-30.2
Dry whole milk	6,823	7,083	7,735	13.4	9.2
Nonfat dry milk, human	132,458	127,811	144,342	9.0	12.9
Manufacturers' shipments ⁴					
Dry milk products					
Nonfat dry milk, human	98,808	108,865	118,304	19.7	8.7

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: 2009 and 2010

Product and month	By month			Cumulative		
	2009	2010	Change from 2009	2009	2010	Change from 2009
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
Total cheese						
January	826,893	841,646	1.8	826,893	841,646	1.8
February	767,975	775,273	1.0	1,594,868	1,616,919	1.4
March	870,517	891,633	2.4	2,465,385	2,508,552	1.8
April	847,593	862,016	1.7	3,312,978	3,370,568	1.7
May	856,100	879,255	2.7	4,169,078	4,249,823	1.9
June	838,100	880,850	5.1	5,007,178	5,130,673	2.5
July	842,752	881,641	4.6	5,849,930	6,012,314	2.8
August	850,684	875,194	2.9	6,700,614	6,887,508	2.8
September	842,490	878,632	4.3	7,543,104	7,766,140	3.0
October	862,785	891,852	3.4	8,405,889	8,657,992	3.0
November	839,532	882,960	5.2	9,245,421	9,540,952	3.2
December	863,872	904,382	4.7	10,109,293	10,445,334	3.3
Total American cheese types ¹						
January	357,200	347,563	-2.7	357,200	347,563	-2.7
February	323,370	320,426	-0.9	680,570	667,989	-1.8
March	364,359	362,257	-0.6	1,044,929	1,030,246	-1.4
April	354,781	358,530	1.1	1,399,710	1,388,776	-0.8
May	368,021	370,281	0.6	1,767,731	1,759,057	-0.5
June	356,869	369,978	3.7	2,124,600	2,129,035	0.2
July	354,695	368,415	3.9	2,479,295	2,497,450	0.7
August	347,088	353,703	1.9	2,826,383	2,851,153	0.9
September	342,921	353,837	3.2	3,169,304	3,204,990	1.1
October	349,403	363,022	3.9	3,518,707	3,568,012	1.4
November	331,593	350,033	5.6	3,850,300	3,918,045	1.8
December	352,199	369,565	4.9	4,202,499	4,287,610	2.0
Cheddar cheese						
January	278,181	266,552	-4.2	278,181	266,552	-4.2
February	244,440	244,389		522,621	510,941	-2.2
March	279,296	281,966	1.0	801,917	792,907	-1.1
April	272,691	270,957	-0.6	1,074,608	1,063,864	-1.0
May	287,422	287,213	-0.1	1,362,030	1,351,077	-0.8
June	276,646	286,084	3.4	1,638,676	1,637,161	-0.1
July	269,533	276,134	2.4	1,908,209	1,913,295	0.3
August	264,743	264,096	-0.2	2,172,952	2,177,391	0.2
September	259,004	258,581	-0.2	2,431,956	2,435,972	0.2
October	263,443	273,568	3.8	2,695,399	2,709,540	0.5
November	248,976	263,607	5.9	2,944,375	2,973,147	1.0
December	263,062	280,742	6.7	3,207,437	3,253,889	1.4

See footnote(s) at end of table.

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Dairy Products Production by Product and Month – United States: 2009 and 2010 (continued)

Product and month	By month			Cumulative		
	2009	2010	Change from 2009	2009	2010	Change from 2009
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
Total Italian cheese types						
January	345,619	362,733	5.0	345,619	362,733	5.0
February	316,749	330,382	4.3	662,368	693,115	4.6
March	359,386	380,577	5.9	1,021,754	1,073,692	5.1
April	346,047	366,567	5.9	1,367,801	1,440,259	5.3
May	345,905	369,452	6.8	1,713,706	1,809,711	5.6
June	341,918	362,990	6.2	2,055,624	2,172,701	5.7
July	346,130	364,325	5.3	2,401,754	2,537,026	5.6
August	345,799	366,651	6.0	2,747,553	2,903,677	5.7
September	346,087	365,874	5.7	3,093,640	3,269,551	5.7
October	357,854	369,232	3.2	3,451,494	3,638,783	5.4
November	358,986	380,701	6.0	3,810,480	4,019,484	5.5
December	369,800	390,307	5.5	4,180,280	4,409,791	5.5
Mozzarella						
January	267,299	285,020	6.6	267,299	285,020	6.6
February	246,429	259,090	5.1	513,728	544,110	5.9
March	280,012	300,297	7.2	793,740	844,407	6.4
April	270,604	288,293	6.5	1,064,344	1,132,700	6.4
May	271,395	293,788	8.3	1,335,739	1,426,488	6.8
June	268,901	290,585	8.1	1,604,640	1,717,073	7.0
July	273,782	291,658	6.5	1,878,422	2,008,731	6.9
August	272,632	294,829	8.1	2,151,054	2,303,560	7.1
September	270,262	291,023	7.7	2,421,316	2,594,583	7.2
October	278,106	292,007	5.0	2,699,422	2,886,590	6.9
November	279,105	299,378	7.3	2,978,527	3,185,968	7.0
December	288,779	308,841	6.9	3,267,306	3,494,809	7.0
Other Italian cheese types						
January	4,303	3,278	-23.8	4,303	3,278	-23.8
February	4,187	3,138	-25.1	8,490	6,416	-24.4
March	4,480	4,131	-7.8	12,970	10,547	-18.7
April	3,927	3,936	0.2	16,897	14,483	-14.3
May	3,874	4,536	17.1	20,771	19,019	-8.4
June	4,008	4,262	6.3	24,779	23,281	-6.0
July	3,754	4,344	15.7	28,533	27,625	-3.2
August	3,841	4,447	15.8	32,374	32,072	-0.9
September	4,478	4,575	2.2	36,852	36,647	-0.6
October	4,007	4,519	12.8	40,859	41,166	0.8
November	4,021	5,074	26.2	44,880	46,240	3.0
December	4,069	5,712	40.4	48,949	51,952	6.1

See footnote(s) at end of table.

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Dairy Products Production by Product and Month – United States: 2009 and 2010 (continued)

Product and month	By month			Cumulative		
	2009	2010	Change from 2009	2009	2010	Change from 2009
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
Butter						
January	176,988	162,067	-8.4	176,988	162,067	-8.4
February	147,462	141,052	-4.3	324,450	303,119	-6.6
March	147,341	138,837	-5.8	471,791	441,956	-6.3
April	142,216	133,152	-6.4	614,007	575,108	-6.3
May	139,178	130,489	-6.2	753,185	705,597	-6.3
June	125,301	117,267	-6.4	878,486	822,864	-6.3
July	114,388	111,001	-3.0	992,874	933,865	-5.9
August	101,029	101,660	0.6	1,093,903	1,035,525	-5.3
September	94,690	113,790	20.2	1,188,593	1,149,315	-3.3
October	113,084	121,610	7.5	1,301,677	1,270,925	-2.4
November	120,967	133,257	10.2	1,422,644	1,404,182	-1.3
December	150,837	158,082	4.8	1,573,481	1,562,264	-0.7
Nonfat dry milk, human						
January	158,286	128,618	-18.7	158,286	128,618	-18.7
February	125,902	117,768	-6.5	284,188	246,386	-13.3
March	137,301	137,179	-0.1	421,489	383,565	-9.0
April	141,397	152,373	7.8	562,886	535,938	-4.8
May	150,452	154,327	2.6	713,338	690,265	-3.2
June	146,065	136,187	-6.8	859,403	826,452	-3.8
July	133,175	131,819	-1.0	992,578	958,271	-3.5
August	107,049	119,562	11.7	1,099,627	1,077,833	-2.0
September	87,808	109,296	24.5	1,187,435	1,187,129	
October	92,800	115,273	24.2	1,280,235	1,302,402	1.7
November	102,156	116,653	14.2	1,382,391	1,419,055	2.7
December	126,720	139,500	10.1	1,509,111	1,558,555	3.3
Skim milk powders ²						
January	17,663	20,581	16.5	17,663	20,581	16.5
February	22,693	22,029	-2.9	40,356	42,610	5.6
March	24,432	27,796	13.8	64,788	70,406	8.7
April	24,645	14,463	-41.3	89,433	84,869	-5.1
May	26,697	17,146	-35.8	116,130	102,015	-12.2
June	16,796	32,708	94.7	132,926	134,723	1.4
July	14,023	22,626	61.3	146,949	157,349	7.1
August	10,677	15,075	41.2	157,626	172,424	9.4
September	12,585	17,469	38.8	170,211	189,893	11.6
October	10,174	17,522	72.2	180,385	207,415	15.0
November	18,924	19,205	1.5	199,309	226,620	13.7
December	22,601	27,184	20.3	221,910	253,804	14.4

See footnote(s) at end of table.

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Dairy Products Production by Product and Month – United States: 2009 and 2010 (continued)

Product and month	By month			Cumulative		
	2009	2010	Change from 2009	2009	2010	Change from 2009
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
Dry whey, total ³						
January	79,395	85,971	8.3	79,395	85,971	8.3
February	74,668	78,244	4.8	154,063	164,215	6.6
March	82,785	92,504	11.7	236,848	256,719	8.4
April	83,218	90,726	9.0	320,066	347,445	8.6
May	87,125	89,577	2.8	407,191	437,022	7.3
June	92,639	86,053	-7.1	499,830	523,075	4.7
July	93,640	87,537	-6.5	593,470	610,612	2.9
August	82,555	81,856	-0.8	676,025	692,468	2.4
September	79,006	78,126	-1.1	755,031	770,594	2.1
October	81,709	78,738	-3.6	836,740	849,332	1.5
November	79,361	80,101	0.9	916,101	929,433	1.5
December	85,059	89,579	5.3	1,001,160	1,019,012	1.8
Lactose, human and animal						
January	58,839	66,864	13.6	58,839	66,864	13.6
February	51,653	63,620	23.2	110,492	130,484	18.1
March	59,717	73,870	23.7	170,209	204,354	20.1
April	58,153	71,582	23.1	228,362	275,936	20.8
May	59,639	74,937	25.7	288,001	350,873	21.8
June	60,429	76,068	25.9	348,430	426,941	22.5
July	61,168	78,557	28.4	409,598	505,498	23.4
August	62,065	79,051	27.4	471,663	584,549	23.9
September	60,066	76,136	26.8	531,729	660,685	24.3
October	63,926	73,585	15.1	595,655	734,270	23.3
November	61,927	74,270	19.9	657,582	808,540	23.0
December	64,977	79,960	23.1	722,559	888,500	23.0
Whey protein concentrate, total						
January	35,177	34,686	-1.4	35,177	34,686	-1.4
February	32,340	31,391	-2.9	67,517	66,077	-2.1
March	35,259	36,422	3.3	102,776	102,499	-0.3
April	32,971	35,681	8.2	135,747	138,180	1.8
May	34,705	35,899	3.4	170,452	174,079	2.1
June	34,572	34,231	-1.0	205,024	208,310	1.6
July	35,221	36,026	2.3	240,245	244,336	1.7
August	35,284	35,255	-0.1	275,529	279,591	1.5
September	34,810	35,728	2.6	310,339	315,319	1.6
October	35,830	35,351	-1.3	346,169	350,670	1.3
November	34,061	34,603	1.6	380,230	385,273	1.3
December	34,785	36,178	4.0	415,015	421,451	1.6

See footnote(s) at end of table.

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Dairy Products Production by Product and Month – United States: 2009 and 2010 (continued)

Product and month	By month			Cumulative		
	2009	2010	Change from 2009	2009	2010	Change from 2009
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
Cottage cheese, cream						
January	25,734	24,963	-3.0	25,734	24,963	-3.0
February	25,890	25,776	-0.4	51,624	50,739	-1.7
March	31,314	29,099	-7.1	82,938	79,838	-3.7
April	30,517	26,462	-13.3	113,455	106,300	-6.3
May	30,210	26,226	-13.2	143,665	132,526	-7.8
June	29,707	27,061	-8.9	173,372	159,587	-8.0
July	30,823	27,687	-10.2	204,195	187,274	-8.3
August	30,375	28,868	-5.0	234,570	216,142	-7.9
September	30,995	28,007	-9.6	265,565	244,149	-8.1
October	26,685	25,611	-4.0	292,250	269,760	-7.7
November	24,586	26,051	6.0	316,836	295,811	-6.6
December	25,064	23,761	-5.2	341,900	319,572	-6.5
Cottage cheese, lowfat						
January	31,295	29,093	-7.0	31,295	29,093	-7.0
February	30,781	30,057	-2.4	62,076	59,150	-4.7
March	34,759	35,268	1.5	96,835	94,418	-2.5
April	34,380	32,043	-6.8	131,215	126,461	-3.6
May	32,644	29,863	-8.5	163,859	156,324	-4.6
June	32,986	32,366	-1.9	196,845	188,690	-4.1
July	34,701	32,571	-6.1	231,546	221,261	-4.4
August	32,107	32,415	1.0	263,653	253,676	-3.8
September	35,038	33,893	-3.3	298,691	287,569	-3.7
October	31,246	29,527	-5.5	329,937	317,096	-3.9
November	28,733	29,577	2.9	358,670	346,673	-3.3
December	28,987	28,696	-1.0	387,657	375,369	-3.2
Sour cream						
January	87,869	89,580	1.9	87,869	89,580	1.9
February	81,854	85,163	4.0	169,723	174,743	3.0
March	99,459	105,351	5.9	269,182	280,094	4.1
April	93,860	90,309	-3.8	363,042	370,403	2.0
May	93,504	93,408	-0.1	456,546	463,811	1.6
June	93,644	98,411	5.1	550,190	562,222	2.2
July	92,442	90,130	-2.5	642,632	652,352	1.5
August	93,770	101,301	8.0	736,402	753,653	2.3
September	92,435	94,876	2.6	828,837	848,529	2.4
October	103,645	101,306	-2.3	932,482	949,835	1.9
November	108,446	116,592	7.5	1,040,928	1,066,427	2.4
December	107,081	114,094	6.5	1,148,009	1,180,521	2.8

See footnote(s) at end of table.

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Dairy Products Production by Product and Month – United States: 2009 and 2010 (continued)

Product and month	By month			Cumulative		
	2009	2010	Change from 2009	2009	2010	Change from 2009
	(1,000 gallons)	(1,000 gallons)	(percent)	(1,000 gallons)	(1,000 gallons)	(percent)
Ice cream, regular hard						
January	58,615	55,429	-5.4	58,615	55,429	-5.4
February	64,870	63,171	-2.6	123,485	118,600	-4.0
March	75,674	79,940	5.6	199,159	198,540	-0.3
April	79,022	78,499	-0.7	278,181	277,039	-0.4
May	80,604	81,929	1.6	358,785	358,968	0.1
June	89,319	84,255	-5.7	448,104	443,223	-1.1
July	84,319	78,706	-6.7	532,423	521,929	-2.0
August	79,273	75,791	-4.4	611,696	597,720	-2.3
September	74,304	74,089	-0.3	686,000	671,809	-2.1
October	68,602	61,146	-10.9	754,602	732,955	-2.9
November	53,003	51,719	-2.4	807,605	784,674	-2.8
December	49,098	52,317	6.6	856,703	836,991	-2.3
Ice cream, lowfat total						
January	24,433	22,695	-7.1	24,433	22,695	-7.1
February	26,401	27,538	4.3	50,834	50,233	-1.2
March	35,833	37,430	4.5	86,667	87,663	1.1
April	35,030	38,601	10.2	121,697	126,264	3.8
May	36,115	37,466	3.7	157,812	163,730	3.8
June	42,050	45,376	7.9	199,862	209,106	4.6
July	38,736	40,959	5.7	238,598	250,065	4.8
August	36,183	39,949	10.4	274,781	290,014	5.5
September	31,395	33,478	6.6	306,176	323,492	5.7
October	28,391	27,934	-1.6	334,567	351,426	5.0
November	23,855	25,618	7.4	358,422	377,044	5.2
December	23,033	22,118	-4.0	381,455	399,162	4.6
Sherbet, hard						
January	3,482	3,438	-1.3	3,482	3,438	-1.3
February	4,039	3,691	-8.6	7,521	7,129	-5.2
March	5,056	5,048	-0.2	12,577	12,177	-3.2
April	5,012	4,790	-4.4	17,589	16,967	-3.5
May	4,985	4,622	-7.3	22,574	21,589	-4.4
June	5,497	4,827	-12.2	28,071	26,416	-5.9
July	5,104	4,564	-10.6	33,175	30,980	-6.6
August	4,257	3,822	-10.2	37,432	34,802	-7.0
September	4,266	3,540	-17.0	41,698	38,342	-8.0
October	3,340	3,001	-10.1	45,038	41,343	-8.2
November	2,572	2,725	5.9	47,610	44,068	-7.4
December	2,670	2,951	10.5	50,280	47,019	-6.5

See footnote(s) at end of table.

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Dairy Products Production by Product and Month – United States: 2009 and 2010 (continued)

Product and month	By month			Cumulative		
	2009	2010	Change from 2009	2009	2010	Change from 2009
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
Yogurt, plain and flavored						
January	304,553	339,217	11.4	304,553	339,217	11.4
February	304,155	314,514	3.4	608,708	653,731	7.4
March	355,911	399,691	12.3	964,619	1,053,422	9.2
April	311,481	332,315	6.7	1,276,100	1,385,737	8.6
May	328,934	339,906	3.3	1,605,034	1,725,643	7.5
June	332,379	353,948	6.5	1,937,413	2,079,591	7.3
July	309,910	340,025	9.7	2,247,323	2,419,616	7.7
August	323,373	364,592	12.7	2,570,696	2,784,208	8.3
September	369,995	389,217	5.2	2,940,691	3,173,425	7.9
October	309,431	339,803	9.8	3,250,122	3,513,228	8.1
November	271,793	318,722	17.3	3,521,915	3,831,950	8.8
December	310,056	339,471	9.5	3,831,971	4,171,421	8.9
	(1,000 gallons)	(1,000 gallons)	(percent)	(1,000 gallons)	(1,000 gallons)	(percent)
Frozen yogurt, total						
January	4,638	3,816	-17.7	4,638	3,816	-17.7
February	5,138	4,458	-13.2	9,776	8,274	-15.4
March	6,492	6,526	0.5	16,268	14,800	-9.0
April	7,022	6,816	-2.9	23,290	21,616	-7.2
May	6,741	6,808	1.0	30,031	28,424	-5.4
June	7,544	7,630	1.1	37,575	36,054	-4.0
July	7,931	7,577	-4.5	45,506	43,631	-4.1
August	7,313	6,448	-11.8	52,819	50,079	-5.2
September	6,627	5,727	-13.6	59,446	55,806	-6.1
October	5,936	4,488	-24.4	65,382	60,294	-7.8
November	4,647	4,011	-13.7	70,029	64,305	-8.2
December	4,388	3,851	-12.2	74,417	68,156	-8.4

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: December 2009 and 2010

State	December 2009	November 2010	December 2010	Change from	
				December 2009	November 2010
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	176,064	189,029	190,339	8.1	0.7
Idaho	69,715	70,721	74,674	7.1	5.6
Illinois	6,624	6,834	6,918	4.4	1.2
Iowa	20,998	19,551	21,296	1.4	8.9
Minnesota	54,768	48,673	53,119	-3.0	9.1
New Jersey	3,036				
New Mexico	57,029	66,271	66,509	16.6	0.4
New York	60,013	67,197	64,845	8.1	-3.5
Ohio	18,259	17,558	18,138	-0.7	3.3
Pennsylvania	32,708	34,134	34,900	6.7	2.2
South Dakota	18,883	20,974	22,543	19.4	7.5
Utah	9,291				
Vermont	10,861	9,894	10,538	-3.0	6.5
Wisconsin	221,243	211,699	219,502	-0.8	3.7
Other States ¹	104,380	120,425	121,061		
United States	863,872	882,960	904,382	4.7	2.4
Atlantic	111,107	119,950	118,943	7.1	-0.8
Central	392,604	378,659	397,823	1.3	5.1
West	360,161	384,351	387,616	7.6	0.8

¹ States not shown when fewer than 3 plants reported or individual plant operations could be disclosed. Percent change shown only when comparable States are included in the calculation.

American Cheese Production – States and United States: December 2009 and 2010

State	December 2009	November 2010	December 2010	Change from	
				December 2009	November 2010
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	54,241	49,033	51,034	-5.9	4.1
Idaho	54,562	56,666	57,709	5.8	1.8
Iowa	16,306	15,299	16,800	3.0	9.8
Ohio	932				
Oregon	14,031	14,065	12,841	-8.5	-8.7
Wisconsin	71,462	65,332	71,800	0.5	9.9
Other States ¹	140,665	149,638	159,381		
United States	352,199	350,033	369,565	4.9	5.6
Atlantic	13,194	15,241	16,468	24.8	8.1
Central	166,430	158,735	176,326	5.9	11.1
West	172,575	176,057	176,771	2.4	0.4

¹ States not shown when fewer than 3 plants reported or individual plant operations could be disclosed. Percent change shown only when comparable States are included in the calculation.

Cheddar Cheese Production – States and United States: December 2009 and 2010

State	December 2009	November 2010	December 2010	Change from	
				December 2009	November 2010
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	30,624	26,396	27,808	-9.2	5.3
Idaho	45,103	45,676	45,867	1.7	0.4
Iowa	9,935	8,899	10,151	2.2	14.1
Minnesota	42,221	37,918	42,836	1.5	13.0
Ohio	677				
Wisconsin	55,659	49,465	56,000	0.6	13.2
Other States ¹	78,843	95,253	98,080		
United States	263,062	263,607	280,742	6.7	6.5
Atlantic	12,505	14,923	16,266	30.1	9.0
Central	127,048	119,495	137,605	8.3	15.2
West	123,509	129,189	126,871	2.7	-1.8

¹ States not shown when fewer than 3 plants reported or individual plant operations could be disclosed. Percent change shown only when comparable States are included in the calculation.

Total Italian Cheese Production – States and United States: December 2009 and 2010

State	December 2009	November 2010	December 2010	Change from	
				December 2009	November 2010
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	104,759	118,731	120,177	14.7	1.2
New York	33,218	34,196	34,327	3.3	0.4
Pennsylvania	20,349	22,021	22,766	11.9	3.4
Wisconsin	108,969	106,355	110,436	1.3	3.8
Other States ¹	102,505	99,398	102,601	0.1	3.2
United States	369,800	380,701	390,307	5.5	2.5
Atlantic	60,875	63,171	63,713	4.7	0.9
Central	149,529	145,208	149,465		2.9
West	159,396	172,322	177,129	11.1	2.8

¹ States not shown when fewer than 3 plants reported or individual plant operations could be disclosed. Percent change shown only when comparable States are included in the calculation.

Mozzarella Cheese Production – States and United States: December 2009 and 2010

State	December 2009	November 2010	December 2010	Change from	
				December 2009	November 2010
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	95,794	110,630	110,872	15.7	0.2
New York	16,388	15,037	17,006	3.8	13.1
Wisconsin	76,326	73,016	76,200	-0.2	4.4
Other States ¹	100,271	100,695	104,763	4.5	4.0
United States	288,779	299,378	308,841	6.9	3.2
Atlantic	38,103	37,660	39,333	3.2	4.4
Central	102,996	100,333	104,896	1.8	4.5
West	147,680	161,385	164,612	11.5	2.0

¹ States not shown when fewer than 3 plants reported or individual plant operations could be disclosed. Percent change shown only when comparable States are included in the calculation.

Butter Production – States and United States: December 2009 and 2010

State	December 2009	November 2010	December 2010	Change from	
				December 2009	November 2010
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	50,405	44,720	53,624	6.4	19.9
Pennsylvania	8,303				
Other States ¹	92,129	88,537	104,458		
United States	150,837	133,257	158,082	4.8	18.6
Atlantic	15,035	11,295	17,294	15.0	53.1
Central	59,656	52,303	59,217	-0.7	13.2
West	76,146	69,659	81,571	7.1	17.1

¹ States not shown when fewer than 3 plants reported or individual plant operations could be disclosed. Percent change shown only when comparable States are included in the calculation.

Nonfat Dry Milk (Human) Production – States and United States: December 2009 and 2010

State	December 2009	November 2010	December 2010	Change from	
				December 2009	November 2010
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	67,811	72,796	75,050	10.7	3.1
Other States ¹	58,909	43,857	64,450	9.4	47.0
United States	126,720	116,653	139,500	10.1	19.6
Atlantic	17,405	9,771	19,748	13.5	102.1
Central	13,731	7,855	13,046	-5.0	66.1
West	95,584	99,027	106,706	11.6	7.8

¹ States not shown when fewer than 3 plants reported or individual plant operations could be disclosed. Percent change shown only when comparable States are included in the calculation.

Dry Whey (Human) Production – States and United States: December 2009 and 2010

State	December 2009	November 2010	December 2010	Change from	
				December 2009	November 2010
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
New York	10,718	10,654	8,369	-21.9	-21.4
Wisconsin	25,393	24,925	25,800	1.6	3.5
Other States ¹	43,958	42,599	50,198	14.2	17.8
United States	80,069	78,178	84,367	5.4	7.9
Atlantic	18,958	19,987	18,005	-5.0	-9.9
Central	40,975	38,060	40,544	-1.1	6.5
West	20,136	20,131	25,818	28.2	28.2

¹ States not shown when fewer than 3 plants reported or individual plant operations could be disclosed. Percent change shown only when comparable States are included in the calculation.

Ice Cream, Regular (Hard) Production – States and United States: December 2009 and 2010

State	December 2009	November 2010	December 2010	Change from	
				December 2009	November 2010
	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(percent)	(percent)
California	8,163	7,680	6,536	-19.9	-14.9
Indiana	3,887	4,691	5,239	34.8	11.7
Massachusetts	1,746	2,552	1,320	-24.4	-48.3
Missouri	1,563	650	1,600	2.4	146.2
New York	2,434				
North Carolina	1,012	795	776	-23.3	-2.4
Ohio	1,273	1,386	1,369	7.5	-1.2
Oregon	891	976	871	-2.2	-10.8
Pennsylvania	2,551	2,691	2,817	10.4	4.7
Tennessee	401				
Texas	2,868	2,849	2,624	-8.5	-7.9
Utah	1,376	1,398	1,442	4.8	3.1
Wisconsin	635	833	707	11.3	-15.1
Other States ¹	20,298	25,218	27,016		
United States	49,098	51,719	52,317	6.6	1.2
North Atlantic	8,623				
South Atlantic	3,468				
Atlantic		13,028	10,956		
East North Central	10,118				
West North Central	8,285				
South Central	6,309				
Central		26,428	30,534		
West	12,295	12,263	10,827	-11.9	-11.7

¹ States not shown when fewer than 3 plants reported or individual plant operations could be disclosed. Percent change shown only when comparable States are included in the calculation.

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 a 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 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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Lorie Warren – Dairy Products	(202) 690-3236
Joe Gaynor – Dairy Products Prices	(202) 690-2168
Jason Hardegree – Cattle, Cattle on Feed	(202) 720-3040
Sherry Bertramsen – Livestock Slaughter	(515) 284-4340
Everett Olbert – Sheep and Goats	(202) 720-4751
Mike Miller – Milk Production and Milk Cows	(202) 720-3278
Nick Streff – Hogs and Pigs	(202) 720-3106

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For more information on NASS surveys and reports, call the NASS Agricultural Statistics Hotline at (800) 727-9540, 7:30 a.m. to 4:00 p.m. ET, or e-mail: nass@nass.usda.gov.

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