



Dairy Products

ISSN: 1949-0399

Released January 3, 2011, by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, United States Department of Agriculture (USDA).

November 2010 Highlights

Total cheese output (excluding cottage cheese) was 890 million pounds, 6.0 percent above November 2009 but 0.3 percent below October 2010.

Italian type cheese production totaled 381 million pounds, 6.1 percent above November 2009 and 3.1 percent above October 2010.

American type cheese production totaled 350 million pounds, 5.6 percent above November 2009 but 3.5 percent below October 2010.

Butter production was 133 million pounds, 9.8 percent above November 2009 and 9.2 percent above October 2010.

Dry milk powders (comparisons with November 2009)

Nonfat dry milk, human - 115 million pounds, up 13.0 percent.

Skim milk powders - 16.3 million pounds, down 13.8 percent.

Whey products (comparisons with November 2009)

Dry whey, total - 80.0 million pounds, up 0.8 percent.

Lactose, human and animal - 74.2 million pounds, up 19.8 percent.

Whey protein concentrate, total - 34.6 million pounds, up 1.6 percent.

Frozen products (comparisons with November 2009)

Ice cream, regular (hard) - 51.9 million gallons, down 2.2 percent.

Ice cream, lowfat (total) - 25.3 million gallons, up 6.2 percent.

Sherbet (hard) - 2.69 million gallons, up 4.7 percent.

Frozen yogurt (total) - 4.01 million gallons, down 13.7 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: November 2009 and 2010

Product	November 2009	October 2010	November 2010	Change from	
				November 2009	October 2010
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
Butter	120,967	121,610	132,804	9.8	9.2
Cheese					
American types ¹	331,593	363,022	350,261	5.6	-3.5
Cheddar	248,976	273,568	264,105	6.1	-3.5
Other American types	82,617	89,454	86,156	4.3	-3.7
Brick and Muenster	10,609	10,560	10,685	0.7	1.2
Cream and Neufchatel	73,066	75,808	72,987	-0.1	-3.7
Hispanic	16,507	16,934	17,502	6.0	3.4
Italian types	358,986	369,232	380,766	6.1	3.1
Mozzarella	279,105	292,007	299,748	7.4	2.7
Parmesan	19,617	15,279	17,112	-12.8	12.0
Provolone	28,229	28,828	29,406	4.2	2.0
Ricotta	24,397	25,449	26,919	10.3	5.8
Romano	3,617	3,150	2,677	-26.0	-15.0
Other Italian types	4,021	4,519	4,904	22.0	8.5
Swiss	27,133	29,823	27,854	2.7	-6.6
All other types	21,638	26,473	29,504	36.4	11.4
Total cheese	839,532	891,852	889,559	6.0	-0.3
Cottage cheese, curd ²	32,015	32,820	33,052	3.2	0.7
Cottage cheese, cream ³	24,586	25,611	25,799	4.9	0.7
Cottage cheese, lowfat ⁴	28,733	29,527	29,398	2.3	-0.4
Sour cream	108,446	101,306	115,538	6.5	14.0
Yogurt, plain and flavored	271,793	339,803	318,765	17.3	-6.2
	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(percent)	(percent)
Frozen products					
Ice cream, regular, hard	53,003	61,146	51,851	-2.2	-15.2
Ice cream, lowfat, hard	9,869	10,137	9,394	-4.8	-7.3
Ice cream, lowfat, soft	13,986	17,797	15,946	14.0	-10.4
Ice cream, lowfat, total	23,855	27,934	25,340	6.2	-9.3
Ice cream, nonfat, hard	656	1,029	736	12.2	-28.5
Sherbet, hard	2,572	3,001	2,693	4.7	-10.3
Frozen yogurt, total	4,647	4,488	4,011	-13.7	-10.6
Regular and lowfat, hard	1,174	1,455	1,365	16.3	-6.2
Nonfat, hard	343	453	341	-0.6	-24.7
Other frozen dairy products	830	1,051	841	1.3	-20.0
Water and juice ices	2,478	4,027	3,067	23.8	-23.8
Mix for frozen products					
Ice cream, regular, mix	28,358	34,617	29,901	5.4	-13.6
Ice cream, lowfat, mix	13,850	15,992	14,493	4.6	-9.4
Ice cream, nonfat, mix	411	605	441	7.3	-27.1
Sherbet mix	1,599	1,991	1,771	10.8	-11.0
Yogurt mix	2,434	2,720	2,431	-0.1	-10.6

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: November 2009 and 2010

Product	November 2009	October 2010	November 2010	Change from	
				November 2009	October 2010
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
Production					
Condensed whey, solids content ¹					
Sweet-type, human	6,973	8,250	8,330	19.5	1.0
Dry whey products					
Dry whey, human	75,239	76,419	78,053	3.7	2.1
Dry whey, animal	4,122	2,319	1,966	-52.3	-15.2
Dry whey, total	79,361	78,738	80,019	0.8	1.6
Reduced lactose and minerals					
Human	2,523	2,322	3,004	19.1	29.4
Animal	4,616	4,677	4,290	-7.1	-8.3
Whey protein concentrate					
Human ²	31,027	32,526	31,758	2.4	-2.4
Animal ²	3,034	2,825	2,832	-6.7	0.2
Total ²	34,061	35,351	34,590	1.6	-2.2
25.0-49.9 percent ³	20,233	19,915	19,687	-2.7	-1.1
50.0-89.9 percent ³	13,828	15,436	14,903	7.8	-3.5
Whey protein isolates ⁴	4,470	5,549	5,744	28.5	3.5
Lactose, human and animal	61,927	73,585	74,219	19.8	0.9
Manufacturers' stocks end of month ⁵					
Dry whey products					
Dry whey, human	39,818	40,552	41,167	3.4	1.5
Dry whey, animal	1,812	3,497	938	-48.2	-73.2
Dry whey, total	41,630	44,049	42,105	1.1	-4.4
Reduced Lactose and minerals					
Human and animal ⁶	11,053	9,487	7,816	-29.3	-17.6
Whey protein concentrate					
Human ²	36,304	27,956	29,851	-17.8	6.8
Animal ²	2,090	1,677	2,060	-1.4	22.8
Total ²	38,394	29,633	31,911	-16.9	7.7
25.0-49.9 percent ³	23,255	14,562	14,953	-35.7	2.7
50.0-89.9 percent ³	15,139	15,071	16,958	12.0	12.5
Whey protein isolates ⁴	10,408	6,880	6,024	-42.1	-12.4
Lactose, human and animal	58,269	81,334	81,013	39.0	-0.4
	(cents per pound)	(cents per pound)	(cents per pound)	(cents change)	(cents change)
Manufacturers' selling price ⁷					
Dry whey, animal	31.5	22.8	21.9	-9.5	-0.9

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:
November 2009 and 2010**

Product	November 2009	October 2010	November 2010	Change from	
				November 2009	October 2010
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
Production					
Bulk condensed milk					
Skim, unsweetened	113,522	125,041	109,036	-4.0	-12.8
Canned milk					
Evaporated and condensed whole	48,583	44,331	43,079	-11.3	-2.8
Dry milk products					
Dry buttermilk, total	6,622	6,043	6,752	2.0	11.7
Dry skim milk, animal	449	561	1,450	222.9	158.5
Dry whole milk	6,529	6,668	9,242	41.6	38.6
Milk protein concentrate, total ¹	5,052	2,955	4,594	-9.1	55.5
Nonfat dry milk, human	102,156	115,273	115,483	13.0	0.2
Skim milk powder, total ²	18,924	17,522	16,308	-13.8	-6.9
Manufacturers' stocks end-of-month ³					
Canned milk					
Evaporated and condensed whole	61,401	79,459	64,172	4.5	-19.2
Dry milk products					
Dry buttermilk, total	5,312	9,848	11,550	117.4	17.3
Dry skim milk, animal	2,004	917	1,269	-36.7	38.4
Dry whole milk	6,626	4,781	7,009	5.8	46.6
Nonfat dry milk, human	115,794	123,982	127,894	10.4	3.2
Manufacturers' shipments ⁴					
Dry milk products					
Nonfat dry milk, human	68,276	129,348	109,115	59.8	-15.6

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	889,559	6.0	9,245,421	9,547,551	3.3
December	863,872			10,109,293		
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	350,261	5.6	3,850,300	3,918,273	1.8
December	352,199			4,202,499		
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	264,105	6.1	2,944,375	2,973,645	1.0
December	263,062			3,207,437		

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	380,766	6.1	3,810,480	4,019,549	5.5
December	369,800			4,180,280		
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	299,748	7.4	2,978,527	3,186,338	7.0
December	288,779			3,267,306		
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	4,904	22.0	44,880	46,070	2.7
December	4,069			48,949		

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	132,804	9.8	1,422,644	1,403,729	-1.3
December	150,837			1,573,481		
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	115,483	13.0	1,382,391	1,417,885	2.6
December	126,720			1,509,111		
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	16,308	-13.8	199,309	223,723	12.2
December	22,601			221,910		

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	80,019	0.8	916,101	929,351	1.4
December	85,059			1,001,160		
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	74,219	19.8	657,582	808,489	22.9
December	64,977			722,559		
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	34,590	1.6	380,230	385,260	1.3
December	34,785			415,015		

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	25,799	4.9	316,836	295,559	-6.7
December	25,064			341,900		
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	29,398	2.3	358,670	346,494	-3.4
December	28,987			387,657		
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	115,538	6.5	1,040,928	1,065,373	2.3
December	107,081			1,148,009		

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	51,851	-2.2	807,605	784,806	-2.8
December	49,098			856,703		
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	25,340	6.2	358,422	376,766	5.1
December	23,033			381,455		
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	2,693	4.7	47,610	44,036	-7.5
December	2,670			50,280		

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	318,765	17.3	3,521,915	3,831,993	8.8
December	310,056			3,831,971		
	(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			74,417		

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: November 2009 and 2010

State	November 2009	October 2010	November 2010	Change from	
				November 2009	October 2010
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	170,856	182,832	188,878	10.5	3.3
Idaho	69,107	72,665	70,722	2.3	-2.7
Illinois	6,809	6,466	6,834	0.4	5.7
Iowa	19,361	19,796	19,551	1.0	-1.2
Minnesota	51,768	50,171	48,673	-6.0	-3.0
New Jersey	2,686				
New Mexico	53,711	63,567	66,271	23.4	4.3
New York	63,344	65,452	67,152	6.0	2.6
Ohio	17,364	18,487	17,558	1.1	-5.0
Pennsylvania	32,739	35,867	34,140	4.3	-4.8
South Dakota	18,512	21,139	20,974	13.3	-0.8
Utah	10,133				
Vermont	10,209	9,942	9,893	-3.1	-0.5
Wisconsin	216,258	224,457	217,186	0.4	-3.2
Other States ¹	96,675	121,011	121,727		
United States	839,532	891,852	889,559	6.0	-0.3
Atlantic	113,408	119,638	119,807	5.6	0.1
Central	378,127	393,526	385,551	2.0	-2.0
West	347,997	378,688	384,201	10.4	1.5

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: November 2009 and 2010

State	November 2009	October 2010	November 2010	Change from	
				November 2009	October 2010
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	47,852	49,544	49,029	2.5	-1.0
Idaho	55,544	57,941	56,667	2.0	-2.2
Iowa	15,348	15,467	15,299	-0.3	-1.1
Ohio	684				
Oregon	11,859	13,526	14,065	18.6	4.0
Wisconsin	68,450	68,685	64,600	-5.6	-5.9
Other States ¹	131,856	157,859	150,601		
United States	331,593	363,022	350,261	5.6	-3.5
Atlantic	11,462	15,480	15,242	33.0	-1.5
Central	157,790	165,368	158,965	0.7	-3.9
West	162,341	182,174	176,054	8.4	-3.4

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: November 2009 and 2010

State	November 2009	October 2010	November 2010	Change from	
				November 2009	October 2010
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	24,742	27,172	26,395	6.7	-2.9
Idaho	47,391	46,437	45,677	-3.6	-1.6
Iowa	8,905	9,120	8,899	-0.1	-2.4
Minnesota	39,858	39,832	37,918	-4.9	-4.8
Ohio	424				
Wisconsin	53,649	51,871	49,000	-8.7	-5.5
Other States ¹	74,007	99,136	96,216		
United States	248,976	273,568	264,105	6.1	-3.5
Atlantic	11,232	15,019	14,924	32.9	-0.6
Central	121,058	124,318	119,992	-0.9	-3.5
West	116,686	134,231	129,189	10.7	-3.8

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: November 2009 and 2010

State	November 2009	October 2010	November 2010	Change from	
				November 2009	October 2010
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	109,548	116,515	118,712	8.4	1.9
New York	32,767	31,792	34,151	4.2	7.4
Pennsylvania	19,502	23,110	22,022	12.9	-4.7
Wisconsin	102,338	106,252	106,533	4.1	0.3
Other States ¹	94,831	91,563	99,348	4.8	8.5
United States	358,986	369,232	380,766	6.1	3.1
Atlantic	59,319	61,475	63,077	6.3	2.6
Central	140,268	141,673	145,386	3.6	2.6
West	159,399	166,084	172,303	8.1	3.7

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.

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

State	November 2009	October 2010	November 2010	Change from	
				November 2009	October 2010
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	99,221	107,504	110,622	11.5	2.9
New York	15,395	15,677	15,037	-2.3	-4.1
Wisconsin	71,050	73,437	73,400	3.3	-0.1
Other States ¹	93,439	95,389	100,689	7.8	5.6
United States	279,105	292,007	299,748	7.4	2.7
Atlantic	36,515	38,981	37,654	3.1	-3.4
Central	96,293	98,798	100,717	4.6	1.9
West	146,297	154,228	161,377	10.3	4.6

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: November 2009 and 2010

State	November 2009	October 2010	November 2010	Change from	
				November 2009	October 2010
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	44,961	42,395	44,720	-0.5	5.5
Pennsylvania	6,758				
Other States ¹	69,248	79,215	88,084		
United States	120,967	121,610	132,804	9.8	9.2
Atlantic	10,316	10,507	11,295	9.5	7.5
Central	44,589	44,069	51,851	16.3	17.7
West	66,062	67,034	69,658	5.4	3.9

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: November 2009 and 2010

State	November 2009	October 2010	November 2010	Change from	
				November 2009	October 2010
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	59,721	69,059	72,796	21.9	5.4
Other States ¹	42,435	46,214	42,687	0.6	-7.6
United States	102,156	115,273	115,483	13.0	0.2
Atlantic	8,769	8,437	9,933	13.3	17.7
Central	8,637	6,632	7,255	-16.0	9.4
West	84,750	100,204	98,295	16.0	-1.9

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: November 2009 and 2010

State	November 2009	October 2010	November 2010	Change from	
				November 2009	October 2010
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
New York	10,014	8,537	10,654	6.4	24.8
Wisconsin	23,810	24,719	24,800	4.2	0.3
Other States ¹	41,415	43,163	42,599	2.9	-1.3
United States	75,239	76,419	78,053	3.7	2.1
Atlantic	18,047	18,515	19,987	10.7	8.0
Central	38,537	38,222	37,935	-1.6	-0.8
West	18,655	19,682	20,131	7.9	2.3

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: November 2009 and 2010

State	November 2009	October 2010	November 2010	Change from	
				November 2009	October 2010
	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(percent)	(percent)
California	7,709	9,249	7,681	-0.4	-17.0
Indiana	5,852	6,578	4,691	-19.8	-28.7
Massachusetts	2,036	2,297	2,552	25.3	11.1
Missouri	2,280	2,335	650	-71.5	-72.2
New York	2,045				
North Carolina	885	801	795	-10.2	-0.7
Ohio	1,499	1,623	1,386	-7.5	-14.6
Oregon	910	1,091	976	7.3	-10.5
Pennsylvania	2,641	2,882	2,691	1.9	-6.6
Tennessee	692				
Texas	2,878	3,319	2,849	-1.0	-14.2
Utah	1,373	1,555	1,398	1.8	-10.1
Wisconsin	720	897	833	15.7	-7.1
Other States ¹	21,483	28,519	25,349		
United States	53,003	61,146	51,851	-2.2	-15.2
North Atlantic	8,649				
South Atlantic	4,009				
Atlantic		13,731	13,128		
East North Central	12,140				
West North Central	9,277				
South Central	6,591				
Central		32,138	26,428		
West	12,337	15,277	12,295	-0.3	-19.5

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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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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