



Dairy Products

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October 2010 Highlights

Total cheese output (excluding cottage cheese) was 893 million pounds, 3.5 percent above October 2009 and 1.6 percent above September 2010.

Italian type cheese production totaled 369 million pounds, 3.1 percent above October 2009 and 0.9 percent above September 2010.

American type cheese production totaled 364 million pounds, 4.1 percent above October 2009 and 2.8 percent above September 2010.

Butter production was 122 million pounds, 7.5 percent above October 2009 and 6.8 percent above September 2010.

Dry milk powders (comparisons with October 2009)

Nonfat dry milk, human - 115 million pounds, up 24.2 percent.

Skim milk powders - 17.5 million pounds, up 72.2 percent.

Whey products (comparisons with October 2009)

Dry whey, total - 79.0 million pounds, down 3.3 percent.

Lactose, human and animal - 74.0 million pounds, up 15.8 percent.

Whey protein concentrate, total - 35.4 million pounds, down 1.3 percent.

Frozen products (comparisons with October 2009)

Ice cream, regular (hard) - 61.3 million gallons, down 10.7 percent.

Ice cream, lowfat (total) - 27.9 million gallons, down 1.6 percent.

Sherbet (hard) - 3.03 million gallons, down 9.4 percent.

Frozen yogurt (total) - 4.43 million gallons, down 25.5 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: October 2009 and 2010

Product	October 2009	September 2010	October 2010	Change from	
				October 2009	September 2010
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
Butter	113,084	113,790	121,559	7.5	6.8
Cheese					
American types ¹	349,403	353,837	363,666	4.1	2.8
Cheddar	263,443	258,581	274,146	4.1	6.0
Other American types	85,960	95,256	89,520	4.1	-6.0
Brick and Muenster	11,380	10,189	10,538	-7.4	3.4
Cream and Neufchatel	77,003	73,988	75,805	-1.6	2.5
Hispanic	17,249	18,857	16,810	-2.5	-10.9
Italian types	357,854	365,874	369,004	3.1	0.9
Mozzarella	278,106	291,023	291,769	4.9	0.3
Parmesan	18,164	14,667	15,268	-15.9	4.1
Provolone	31,662	29,423	28,838	-8.9	-2.0
Ricotta	22,178	24,263	25,449	14.7	4.9
Romano	3,737	1,923	3,144	-15.9	63.5
Other Italian types	4,007	4,575	4,536	13.2	-0.9
Swiss	26,847	28,142	29,940	11.5	6.4
All other types	23,049	27,745	26,862	16.5	-3.2
Total cheese	862,785	878,632	892,625	3.5	1.6
Cottage cheese, curd ²	35,235	36,202	34,073	-3.3	-5.9
Cottage cheese, cream ³	26,685	28,007	25,441	-4.7	-9.2
Cottage cheese, lowfat ⁴	31,246	33,893	29,429	-5.8	-13.2
Sour cream	103,645	94,876	102,345	-1.3	7.9
Yogurt, plain and flavored	309,431	389,217	351,220	13.5	-9.8
	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(percent)	(percent)
Frozen products					
Ice cream, regular, hard	68,602	74,089	61,264	-10.7	-17.3
Ice cream, lowfat, hard	11,503	13,458	9,984	-13.2	-25.8
Ice cream, lowfat, soft	16,888	20,020	17,940	6.2	-10.4
Ice cream, lowfat, total	28,391	33,478	27,924	-1.6	-16.6
Ice cream, nonfat, hard	934	1,248	946	1.3	-24.2
Sherbet, hard	3,340	3,540	3,026	-9.4	-14.5
Frozen yogurt, total	5,936	5,727	4,425	-25.5	-22.7
Regular and lowfat, hard	1,471	1,402	1,379	-6.3	-1.6
Nonfat, hard	511	691	452	-11.5	-34.6
Other frozen dairy products	910	1,084	1,067	17.3	-1.6
Water and juice ices	3,795	4,524	3,870	2.0	-14.5
Mix for frozen products					
Ice cream, regular, mix	37,020	41,526	34,678	-6.3	-16.5
Ice cream, lowfat, mix	16,453	19,071	15,997	-2.8	-16.1
Ice cream, nonfat, mix	570	712	563	-1.2	-20.9
Sherbet mix	2,127	2,310	2,002	-5.9	-13.3
Yogurt mix	3,079	3,471	2,682	-12.9	-22.7

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: October 2009 and 2010

Product	October 2009	September 2010	October 2010	Change from	
				October 2009	September 2010
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
Production					
Condensed whey, solids content ¹					
Sweet-type, human	7,635	7,646	8,250	8.1	7.9
Dry whey products					
Dry whey, human	77,594	75,624	76,800	-1.0	1.6
Dry whey, animal	4,115	2,502	2,248	-45.4	-10.2
Dry whey, total	81,709	78,126	79,048	-3.3	1.2
Reduced lactose and minerals					
Human	2,956	3,044	2,322	-21.4	-23.7
Animal	4,359	4,975	4,809	10.3	-3.3
Whey protein concentrate					
Human ²	32,870	32,256	32,537	-1.0	0.9
Animal ²	2,960	3,472	2,825	-4.6	-18.6
Total ²	35,830	35,728	35,362	-1.3	-1.0
25.0-49.9 percent ³	20,980	19,913	19,915	-5.1	
50.0-89.9 percent ³	14,850	15,815	15,447	4.0	-2.3
Whey protein isolates ⁴	4,682	5,426	5,607	19.8	3.3
Lactose, human and animal	63,926	76,136	74,020	15.8	-2.8
Manufacturers' stocks end of month ⁵					
Dry whey products					
Dry whey, human	38,174	38,045	40,181	5.3	5.6
Dry whey, animal	1,512	4,675	1,295	-14.4	-72.3
Dry whey, total	39,686	42,720	41,476	4.5	-2.9
Reduced Lactose and minerals					
Human and animal ⁶	11,972	10,577	9,631	-19.6	-8.9
Whey protein concentrate					
Human ²	33,858	30,045	27,923	-17.5	-7.1
Animal ²	1,877	1,704	1,677	-10.7	-1.6
Total ²	35,735	31,749	29,600	-17.2	-6.8
25.0-49.9 percent ³	21,829	16,207	14,394	-34.1	-11.2
50.0-89.9 percent ³	13,906	15,542	15,206	9.3	-2.2
Whey protein isolates ⁴	11,173	7,892	6,931	-38.0	-12.2
Lactose, human and animal	53,921	85,240	81,734	51.6	-4.1
	(cents per pound)	(cents per pound)	(cents per pound)	(cents change)	(cents change)
Manufacturers' selling price ⁷					
Dry whey, animal	26.6	27.4	22.7	-3.9	-4.7

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:
October 2009 and 2010**

Product	October 2009	September 2010	October 2010	Change from	
				October 2009	September 2010
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
Production					
Bulk condensed milk					
Skim, unsweetened	115,809	123,962	125,041	8.0	0.9
Canned milk					
Evaporated and condensed whole	50,486	40,702	44,331	-12.2	8.9
Dry milk products					
Dry buttermilk, total	6,005	5,542	5,989	-0.3	8.1
Dry skim milk, animal	505	608	561	11.1	-7.7
Dry whole milk	5,583	5,555	6,827	22.3	22.9
Milk protein concentrate, total ¹	5,293	3,428	2,955	-44.2	-13.8
Nonfat dry milk, human	92,800	109,296	115,286	24.2	5.5
Skim milk powder, total ²	10,174	17,469	17,522	72.2	0.3
Manufacturers' stocks end-of-month ³					
Canned milk					
Evaporated and condensed whole	78,179	112,264	79,459	1.6	-29.2
Dry milk products					
Dry buttermilk, total	3,909	8,643	9,877	152.7	14.3
Dry skim milk, animal	2,428	912	917	-62.2	0.5
Dry whole milk	4,132	4,549	4,856	17.5	6.7
Nonfat dry milk, human	90,864	139,344	123,855	36.3	-11.1
Manufacturers' shipments ⁴					
Dry milk products					
Nonfat dry milk, human	115,987	130,365	129,064	11.3	-1.0

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: 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	892,625	3.5	8,405,889	8,658,765	3.0
November	839,532			9,245,421		
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	363,666	4.1	3,518,707	3,568,656	1.4
November	331,593			3,850,300		
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	274,146	4.1	2,695,399	2,710,118	0.5
November	248,976			2,944,375		
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	369,004	3.1	3,451,494	3,638,555	5.4
November	358,986			3,810,480		
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	291,769	4.9	2,699,422	2,886,352	6.9
November	279,105			2,978,527		
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	4,536	13.2	40,859	41,183	0.8
November	4,021			44,880		
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	121,559	7.5	1,301,677	1,270,874	-2.4
November	120,967			1,422,644		
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	115,286	24.2	1,280,235	1,302,415	1.7
November	102,156			1,382,391		
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			199,309		
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	79,048	-3.3	836,740	849,642	1.5
November	79,361			916,101		
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	74,020	15.8	595,655	734,705	23.3
November	61,927			657,582		
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	35,362	-1.3	346,169	350,681	1.3
November	34,061			380,230		
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	25,441	-4.7	292,250	269,590	-7.8
November	24,586			316,836		
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	29,429	-5.8	329,937	316,998	-3.9
November	28,733			358,670		
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	102,345	-1.3	932,482	950,874	2.0
November	108,446			1,040,928		
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	61,264	-10.7	754,602	733,073	-2.9
November	53,003			807,605		
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	27,924	-1.6	334,567	351,416	5.0
November	23,855			358,422		
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	3,026	-9.4	45,038	41,368	-8.1
November	2,572			47,610		
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	351,220	13.5	3,250,122	3,524,645	8.4
November	271,793			3,521,915		
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	4,425	-25.5	65,382	60,231	-7.9
November	4,647			70,029		
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: October 2009 and 2010

State	October 2009	September 2010	October 2010	Change from	
				October 2009	September 2010
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	175,056	185,973	182,708	4.4	-1.8
Idaho	70,939	72,361	72,667	2.4	0.4
Illinois	6,786	6,992	6,615	-2.5	-5.4
Iowa	20,246	18,781	19,906	-1.7	6.0
Minnesota	53,508	48,713	50,171	-6.2	3.0
New Jersey	3,193				
New Mexico	53,193	60,803	63,648	19.7	4.7
New York	66,992	64,952	65,452	-2.3	0.8
Ohio	17,246	17,381	18,487	7.2	6.4
Pennsylvania	32,840	33,612	35,867	9.2	6.7
South Dakota	20,306	20,701	21,139	4.1	2.1
Utah	9,757				
Vermont	10,755	9,102	9,954	-7.4	9.4
Wisconsin	224,904	222,775	225,003		1.0
Other States ¹	97,064	116,486	121,008		
United States	862,785	878,632	892,625	3.5	1.6
Atlantic	118,352	116,409	119,650	1.1	2.8
Central	387,946	385,447	394,331	1.6	2.3
West	356,487	376,776	378,644	6.2	0.5

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: October 2009 and 2010

State	October 2009	September 2010	October 2010	Change from	
				October 2009	September 2010
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	53,417	47,962	49,544	-7.3	3.3
Idaho	56,976	57,630	57,943	1.7	0.5
Iowa	16,449	14,348	15,577	-5.3	8.6
Ohio	915				
Oregon	14,928	13,031	13,526	-9.4	3.8
Wisconsin	72,226	68,542	69,200	-4.2	1.0
Other States ¹	134,492	152,324	157,876		
United States	349,403	353,837	363,666	4.1	2.8
Atlantic	11,761	14,753	15,498	31.8	5.0
Central	166,613	163,085	165,992	-0.4	1.8
West	171,029	175,999	182,176	6.5	3.5

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.

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

State	October 2009	September 2010	October 2010	Change from	
				October 2009	September 2010
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	29,778	23,703	27,172	-8.8	14.6
Idaho	47,992	45,473	46,439	-3.2	2.1
Iowa	10,246	8,593	9,231	-9.9	7.4
Minnesota	42,480	40,026	39,832	-6.2	-0.5
Ohio	638				
Wisconsin	55,528	50,851	52,300	-5.8	2.8
Other States ¹	76,781	89,935	99,172		
United States	263,443	258,581	274,146	4.1	6.0
Atlantic	11,412	14,178	15,037	31.8	6.1
Central	129,379	122,289	124,876	-3.5	2.1
West	122,652	122,114	134,233	9.4	9.9

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.

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

State	October 2009	September 2010	October 2010	Change from	
				October 2009	September 2010
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	107,845	118,717	116,515	8.0	-1.9
New York	31,339	31,331	31,792	1.4	1.5
Pennsylvania	20,719	20,991	23,110	11.5	10.1
Wisconsin	103,165	105,777	106,025	2.8	0.2
Other States ¹	94,786	89,058	91,562	-3.4	2.8
United States	357,854	365,874	369,004	3.1	0.9
Atlantic	59,257	58,901	61,474	3.7	4.4
Central	139,489	138,565	141,446	1.4	2.1
West	159,108	168,408	166,084	4.4	-1.4

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.

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

State	October 2009	September 2010	October 2010	Change from	
				October 2009	September 2010
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	96,965	108,802	107,504	10.9	-1.2
New York	15,608	15,637	15,677	0.4	0.3
Wisconsin	70,782	74,294	73,200	3.4	-1.5
Other States ¹	94,751	92,290	95,388	0.7	3.4
United States	278,106	291,023	291,769	4.9	0.3
Atlantic	37,066	37,273	38,980	5.2	4.6
Central	95,722	97,951	98,561	3.0	0.6
West	145,318	155,799	154,228	6.1	-1.0

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: October 2009 and 2010

State	October 2009	September 2010	October 2010	Change from	
				October 2009	September 2010
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	41,872	39,457	42,398	1.3	7.5
Pennsylvania	5,649				
Other States ¹	65,563	74,333	79,161		
United States	113,084	113,790	121,559	7.5	6.8
Atlantic	8,857	10,075	10,507	18.6	4.3
Central	42,896	41,852	44,015	2.6	5.2
West	61,331	61,863	67,037	9.3	8.4

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.

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

State	October 2009	September 2010	October 2010	Change from	
				October 2009	September 2010
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California	63,174	69,676	69,059	9.3	-0.9
Other States ¹	29,626	39,620	46,227	56.0	16.7
United States	92,800	109,296	115,286	24.2	5.5
Atlantic	5,661	9,677	8,437	49.0	-12.8
Central	6,043	5,987	6,645	10.0	11.0
West	81,096	93,632	100,204	23.6	7.0

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.

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

State	October 2009	September 2010	October 2010	Change from	
				October 2009	September 2010
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
New York	10,478	9,179	8,537	-18.5	-7.0
Wisconsin	24,380	24,223	25,100	3.0	3.6
Other States ¹	42,736	42,222	43,163	1.0	2.2
United States	77,594	75,624	76,800	-1.0	1.6
Atlantic	19,021	18,177	18,515	-2.7	1.9
Central	38,241	38,063	38,603	0.9	1.4
West	20,332	19,384	19,682	-3.2	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.

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

State	October 2009	September 2010	October 2010	Change from	
				October 2009	September 2010
	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(percent)	(percent)
California	12,449	13,084	9,249	-25.7	-29.3
Indiana	7,017	7,618	6,578	-6.3	-13.7
Massachusetts	3,082	2,687	2,297	-25.5	-14.5
Missouri	2,263	2,270	2,335	3.2	2.9
New York	2,754				
North Carolina	1,002	986	981	-2.1	-0.5
Ohio	1,771	1,906	1,623	-8.4	-14.8
Oregon	1,005	1,388	1,091	8.6	-21.4
Pennsylvania	2,847	2,835	2,882	1.2	1.7
Tennessee	937				
Texas	3,393	3,937	3,319	-2.2	-15.7
Utah	1,645	2,014	1,555	-5.5	-22.8
Wisconsin	848	1,110	897	5.8	-19.2
Other States ¹	27,589	34,254	28,457		
United States	68,602	74,089	61,264	-10.7	-17.3
North Atlantic	11,043				
South Atlantic	4,589				
Atlantic		15,090	14,011		
East North Central	14,242				
West North Central	12,176				
South Central	8,151				
Central		39,639	32,138		
West	18,401	19,360	15,115	-17.9	-21.9

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.

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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