



# Dairy Products

ISSN: 1949-0399

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Released February 1, 2012, by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, United States Department of Agriculture (USDA).

## December 2011 Highlights

**Total cheese** output (excluding cottage cheese) was 929 million pounds, 2.4 percent above December 2010 and 4.2 percent above November 2011.

**Italian type cheese** production totaled 409 million pounds, 3.5 percent above December 2010 and 6.4 percent above November 2011.

**American type cheese** production totaled 371 million pounds, 1.2 percent above December 2010 and 5.6 percent above November 2011.

**Butter** production was 166 million pounds, 5.2 percent above December 2010 and 8.9 percent above November 2011.

### **Dry milk powders** (comparisons with December 2010)

Nonfat dry milk, human - 150 million pounds, up 8.0 percent.

Skim milk powders - 36.6 million pounds, up 34.6 percent.

### **Whey products** (comparisons with December 2010)

Dry whey, total - 83.0 million pounds, down 7.1 percent.

Lactose, human and animal - 85.7 million pounds, up 3.7 percent.

Whey protein concentrate, total - 39.6 million pounds, up 5.8 percent.

### **Frozen products** (comparisons with December 2010)

Ice cream, regular (hard) - 50.3 million gallons, down slightly.

Ice cream, lowfat (total) - 24.5 million gallons, up 16.3 percent.

Sherbet (hard) - 2.42 million gallons, down 17.7 percent.

Frozen yogurt (total) - 3.27 million gallons, up 11.0 percent.

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

Product	December 2010	November 2011	December 2011	Change from	
				December 2010	November 2011
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
Butter .....	157,742	152,331	165,906	5.2	8.9
<b>Cheese</b>					
American types <sup>1</sup> .....	366,335	350,991	370,684	1.2	5.6
Cheddar .....	274,719	255,574	274,666		7.5
Other American types .....	91,616	95,417	96,018	4.8	0.6
Brick and Muenster .....	11,538	12,362	12,072	4.6	-2.3
Cream and Neufchatel .....	59,905	67,807	61,838	3.2	-8.8
Hispanic .....	19,226	18,014	18,038	-6.2	0.1
Italian types .....	394,707	383,912	408,602	3.5	6.4
Mozzarella .....	308,618	294,968	321,002	4.0	8.8
Parmesan .....	21,862	25,679	25,814	18.1	0.5
Provolone .....	29,096	30,349	28,234	-3.0	-7.0
Ricotta .....	26,042	24,003	24,588	-5.6	2.4
Romano .....	3,657	3,333	3,677	0.5	10.3
Other Italian types .....	5,432	5,580	5,287	-2.7	-5.3
Swiss .....	29,416	26,584	27,770	-5.6	4.5
All other types .....	26,837	32,105	30,450	13.5	-5.2
<b>Total cheese</b> .....	<b>907,964</b>	<b>891,775</b>	<b>929,454</b>	<b>2.4</b>	<b>4.2</b>
Cottage cheese, curd <sup>2</sup> .....	32,545	33,668	31,767	-2.4	-5.6
Cottage cheese, cream <sup>3</sup> .....	25,019	24,227	23,203	-7.3	-4.2
Cottage cheese, lowfat <sup>4</sup> .....	29,440	30,485	28,040	-4.8	-8.0
Sour cream .....	116,189	124,348	114,649	-1.3	-7.8
Yogurt, plain and flavored .....	334,769	313,045	327,900	-2.1	4.7
	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(percent)	(percent)
<b>Frozen products</b>					
Ice cream, regular, hard .....	50,368	52,314	50,348		-3.8
Ice cream, lowfat, hard .....	8,675	11,405	11,896	37.1	4.3
Ice cream, lowfat, soft .....	12,408	14,630	12,630	1.8	-13.7
Ice cream, lowfat, total .....	21,083	26,035	24,526	16.3	-5.8
Ice cream, nonfat, hard .....	881	863	1,008	14.4	16.8
Sherbet, hard .....	2,943	2,519	2,422	-17.7	-3.9
Frozen yogurt, total .....	2,947	3,262	3,272	11.0	0.3
Regular and lowfat, hard .....	1,183	1,466	1,605	35.7	9.5
Nonfat, hard .....	405	380	386	-4.7	1.6
Other frozen dairy products .....	741	801	795	7.3	-0.7
Water and juice ices .....	2,589	2,444	2,404	-7.1	-1.6
<b>Mix for frozen products</b>					
Ice cream, regular, mix .....	28,749	29,035	27,689	-3.7	-4.6
Ice cream, lowfat, mix .....	12,280	14,763	13,824	12.6	-6.4
Ice cream, nonfat, mix .....	526	525	596	13.3	13.5
Sherbet mix .....	1,842	1,560	1,583	-14.1	1.5
Yogurt mix .....	1,820	1,977	1,983	9.0	0.3

<sup>1</sup> Includes Cheddar, Colby, Monterey, and Jack.

<sup>2</sup> Mostly used for processing into cream or lowfat cottage cheese.

<sup>3</sup> Fat content 4 percent or more.

<sup>4</sup> Fat content less than 4 percent.

**Whey and Modified Whey Products Production, Stocks, and Prices – United States:  
December 2010 and 2011**

Product	December 2010	November 2011	December 2011	Change from	
				December 2010	November 2011
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
<b>Production</b>					
Condensed whey, solids content <sup>1</sup>					
Sweet-type, human .....	8,178	7,749	8,232	0.7	6.2
Dry whey products					
Dry whey, human .....	84,107	72,319	77,356	-8.0	7.0
Dry whey, animal .....	5,220	5,159	5,648	8.2	9.5
Dry whey, total .....	89,327	77,478	83,004	-7.1	7.1
Reduced lactose and minerals					
Human .....	2,869	2,355	2,724	-5.1	15.7
Animal .....	4,703	5,177	5,253	11.7	1.5
Whey protein concentrate					
Human <sup>2</sup> .....	34,191	34,440	37,473	9.6	8.8
Animal <sup>2</sup> .....	3,256	2,378	2,156	-33.8	-9.3
Total <sup>2</sup> .....	37,447	36,818	39,629	5.8	7.6
25.0-49.9 percent <sup>3</sup> .....	20,750	20,761	21,122	1.8	1.7
50.0-89.9 percent <sup>3</sup> .....	16,697	16,057	18,507	10.8	15.3
Whey protein isolates <sup>4</sup> .....	6,434	5,173	5,322	-17.3	2.9
Lactose, human and animal .....	82,671	81,505	85,710	3.7	5.2
<b>Manufacturers' stocks end of month <sup>5</sup></b>					
Dry whey products					
Dry whey, human .....	42,590	36,937	41,372	-2.9	12.0
Dry whey, animal .....	4,422	3,906	4,209	-4.8	7.8
Dry whey, total .....	47,012	40,843	45,581	-3.0	11.6
Reduced Lactose and minerals					
Human and animal <sup>6</sup> .....	6,427	5,490	4,976	-22.6	-9.4
Whey protein concentrate					
Human <sup>2</sup> .....	34,988	38,542	40,057	14.5	3.9
Animal <sup>2</sup> .....	1,823	2,126	1,777	-2.5	-16.4
Total <sup>2</sup> .....	36,811	40,668	41,834	13.6	2.9
25.0-49.9 percent <sup>3</sup> .....	17,119	21,119	22,312	30.3	5.6
50.0-89.9 percent <sup>3</sup> .....	19,692	19,549	19,522	-0.9	-0.1
Whey protein isolates <sup>4</sup> .....	4,452	6,277	6,869	54.3	9.4
Lactose, human and animal .....	81,305	63,924	66,516	-18.2	4.1
	(cents per pound)	(cents per pound)	(cents per pound)	(cents change)	(cents change)
<b>Manufacturers' selling price <sup>7</sup></b>					
Dry whey, animal .....	31.2	46.4	49.0	17.8	2.6

<sup>1</sup> 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.

<sup>2</sup> Whey protein concentrate, 25.0 to 89.9 percent.

<sup>3</sup> Whey protein concentrate, human and animal.

<sup>4</sup> Whey protein isolate, 90.0 percent or greater.

<sup>5</sup> Stocks held by manufacturers at all points and in transit.

<sup>6</sup> Reduced lactose and minerals stocks combined to avoid disclosure of individual operations.

<sup>7</sup> 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 2010 and 2011**

Product	December 2010	November 2011	December 2011	Change from	
				December 2010	November 2011
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
<b>Production</b>					
Bulk condensed milk					
Skim, unsweetened .....	103,407	107,418	101,142	-2.2	-5.8
Canned milk					
Evaporated and condensed whole .....	41,588	45,511	36,526	-12.2	-19.7
Dry milk products					
Dry buttermilk, total .....	9,775	8,625	10,277	5.1	19.2
Dry skim milk, animal .....	624	765	795	27.4	3.9
Dry whole milk .....	5,313	5,294	4,119	-22.5	-22.2
Milk protein concentrate, total <sup>1</sup> .....	7,780	5,503	7,612	-2.2	38.3
Nonfat dry milk, human .....	139,043	120,315	150,202	8.0	24.8
Skim milk powder, total <sup>2</sup> .....	27,184	39,586	36,579	34.6	-7.6
<b>Manufacturers' stocks end-of-month</b> <sup>3</sup>					
Canned milk					
Evaporated and condensed whole .....	52,236	47,502	37,028	-29.1	-22.0
Dry milk products					
Dry buttermilk, total .....	10,996	11,831	15,170	38.0	28.2
Dry skim milk, animal .....	1,054	1,304	840	-20.3	-35.6
Dry whole milk .....	7,660	5,450	6,524	-14.8	19.7
Nonfat dry milk, human .....	144,596	145,683	165,444	14.4	13.6
<b>Manufacturers' shipments</b> <sup>4</sup>					
Dry milk products					
Nonfat dry milk, human .....	119,699	113,784	128,926	7.7	13.3

<sup>1</sup> Dry milk protein concentrate, 40-89.9 percent.

<sup>2</sup> Includes protein standardized and blends.

<sup>3</sup> Stocks held by manufacturers at all points and in transit.

<sup>4</sup> For dry products, shipments of bulk goods.

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

Product and month	By month			Cumulative		
	2010	2011	Change from 2010	2010	2011	Change from 2010
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
<b>Total cheese</b>						
January .....	842,126	886,855	5.3	842,126	886,855	5.3
February .....	778,252	807,451	3.8	1,620,378	1,694,306	4.6
March .....	894,488	911,470	1.9	2,514,866	2,605,776	3.6
April .....	864,070	881,790	2.1	3,378,936	3,487,566	3.2
May .....	880,876	915,503	3.9	4,259,812	4,403,069	3.4
June .....	882,560	894,931	1.4	5,142,372	5,298,000	3.0
July .....	877,239	855,414	-2.5	6,019,611	6,153,414	2.2
August .....	870,703	868,906	-0.2	6,890,314	7,022,320	1.9
September .....	872,285	867,824	-0.5	7,762,599	7,890,144	1.6
October .....	881,409	897,655	1.8	8,644,008	8,787,799	1.7
November .....	883,969	891,775	0.9	9,527,977	9,679,574	1.6
December .....	907,964	929,454	2.4	10,435,941	10,609,028	1.7
<b>Total American cheese types <sup>1</sup></b>						
January .....	349,658	359,347	2.8	349,658	359,347	2.8
February .....	321,128	328,861	2.4	670,786	688,208	2.6
March .....	364,152	365,884	0.5	1,034,938	1,054,092	1.9
April .....	360,258	357,080	-0.9	1,395,196	1,411,172	1.1
May .....	371,440	371,227	-0.1	1,766,636	1,782,399	0.9
June .....	370,022	364,710	-1.4	2,136,658	2,147,109	0.5
July .....	367,664	350,491	-4.7	2,504,322	2,497,600	-0.3
August .....	350,641	348,269	-0.7	2,854,963	2,845,869	-0.3
September .....	351,930	338,860	-3.7	3,206,893	3,184,729	-0.7
October .....	356,640	352,437	-1.2	3,563,533	3,537,166	-0.7
November .....	345,450	350,991	1.6	3,908,983	3,888,157	-0.5
December .....	366,335	370,684	1.2	4,275,318	4,258,841	-0.4
<b>Cheddar cheese</b>						
January .....	268,651	274,823	2.3	268,651	274,823	2.3
February .....	244,937	242,945	-0.8	513,588	517,768	0.8
March .....	283,554	267,044	-5.8	797,142	784,812	-1.5
April .....	272,308	263,875	-3.1	1,069,450	1,048,687	-1.9
May .....	287,584	283,515	-1.4	1,357,034	1,332,202	-1.8
June .....	286,101	270,813	-5.3	1,643,135	1,603,015	-2.4
July .....	275,476	259,234	-5.9	1,918,611	1,862,249	-2.9
August .....	261,302	255,894	-2.1	2,179,913	2,118,143	-2.8
September .....	256,970	250,017	-2.7	2,436,883	2,368,160	-2.8
October .....	265,332	249,973	-5.8	2,702,215	2,618,133	-3.1
November .....	256,450	255,574	-0.3	2,958,665	2,873,707	-2.9
December .....	274,719	274,666	-0.02	3,233,384	3,148,373	-2.6

See footnote(s) at end of table.

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

Product and month	By month			Cumulative		
	2010	2011	Change from 2010	2010	2011	Change from 2010
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
<b>Total Italian cheese types</b>						
January .....	360,686	388,351	7.7	360,686	388,351	7.7
February .....	330,842	351,162	6.1	691,528	739,513	6.9
March .....	380,892	399,734	4.9	1,072,420	1,139,247	6.2
April .....	366,601	385,081	5.0	1,439,021	1,524,328	5.9
May .....	369,323	393,758	6.6	1,808,344	1,918,086	6.1
June .....	364,265	381,419	4.7	2,172,609	2,299,505	5.8
July .....	365,329	361,663	-1.0	2,537,938	2,661,168	4.9
August .....	364,603	363,286	-0.4	2,902,541	3,024,454	4.2
September .....	367,465	368,591	0.3	3,270,006	3,393,045	3.8
October .....	373,373	383,025	2.6	3,643,379	3,776,070	3.6
November .....	385,689	383,912	-0.5	4,029,068	4,159,982	3.2
December .....	394,707	408,602	3.5	4,423,775	4,568,584	3.3
<b>Mozzarella</b>						
January .....	283,809	308,227	8.6	283,809	308,227	8.6
February .....	259,012	273,513	5.6	542,821	581,740	7.2
March .....	300,101	310,395	3.4	842,922	892,135	5.8
April .....	288,133	300,230	4.2	1,131,055	1,192,365	5.4
May .....	293,976	309,182	5.2	1,425,031	1,501,547	5.4
June .....	290,452	298,173	2.7	1,715,483	1,799,720	4.9
July .....	290,868	288,306	-0.9	2,006,351	2,088,026	4.1
August .....	291,279	286,405	-1.7	2,297,630	2,374,431	3.3
September .....	290,871	286,437	-1.5	2,588,501	2,660,868	2.8
October .....	291,949	296,361	1.5	2,880,450	2,957,229	2.7
November .....	299,416	294,968	-1.5	3,179,866	3,252,197	2.3
December .....	308,618	321,002	4.0	3,488,484	3,573,199	2.4
<b>Other Italian cheese types</b>						
January .....	3,200	4,675	46.1	3,200	4,675	46.1
February .....	3,286	5,106	55.4	6,486	9,781	50.8
March .....	4,057	5,178	27.6	10,543	14,959	41.9
April .....	3,914	5,322	36.0	14,457	20,281	40.3
May .....	4,400	5,044	14.6	18,857	25,325	34.3
June .....	4,289	5,173	20.6	23,146	30,498	31.8
July .....	4,279	5,080	18.7	27,425	35,578	29.7
August .....	4,470	4,925	10.2	31,895	40,503	27.0
September .....	5,305	5,626	6.1	37,200	46,129	24.0
October .....	4,391	5,532	26.0	41,591	51,661	24.2
November .....	4,805	5,580	16.1	46,396	57,241	23.4
December .....	5,432	5,287	-2.7	51,828	62,528	20.6

See footnote(s) at end of table.

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

Product and month	By month			Cumulative		
	2010	2011	Change from 2010	2010	2011	Change from 2010
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
<b>Butter</b>						
January .....	162,333	166,425	2.5	162,333	166,425	2.5
February .....	140,553	149,333	6.2	302,886	315,758	4.2
March .....	139,231	164,934	18.5	442,117	480,692	8.7
April .....	133,056	158,811	19.4	575,173	639,503	11.2
May .....	131,878	155,481	17.9	707,051	794,984	12.4
June .....	117,089	140,656	20.1	824,140	935,640	13.5
July .....	111,189	135,141	21.5	935,329	1,070,781	14.5
August .....	101,518	133,015	31.0	1,036,847	1,203,796	16.1
September .....	113,744	137,341	20.7	1,150,591	1,341,137	16.6
October .....	122,189	146,083	19.6	1,272,780	1,487,220	16.8
November .....	133,492	152,331	14.1	1,406,272	1,639,551	16.6
December .....	157,742	165,906	5.2	1,564,014	1,805,457	15.4
<b>Nonfat dry milk, human</b>						
January .....	129,679	117,033	-9.8	129,679	117,033	-9.8
February .....	118,999	110,378	-7.2	248,678	227,411	-8.6
March .....	138,305	125,876	-9.0	386,983	353,287	-8.7
April .....	152,945	146,242	-4.4	539,928	499,529	-7.5
May .....	154,757	148,024	-4.4	694,685	647,553	-6.8
June .....	136,990	146,726	7.1	831,675	794,279	-4.5
July .....	131,704	133,476	1.3	963,379	927,755	-3.7
August .....	119,562	114,912	-3.9	1,082,941	1,042,667	-3.7
September .....	109,286	103,824	-5.0	1,192,227	1,146,491	-3.8
October .....	114,595	100,607	-12.2	1,306,822	1,247,098	-4.6
November .....	116,653	120,315	3.1	1,423,475	1,367,413	-3.9
December .....	139,043	150,202	8.0	1,562,518	1,517,615	-2.9
<b>Skim milk powders <sup>2</sup></b>						
January .....	20,581	39,988	94.3	20,581	39,988	94.3
February .....	22,029	36,278	64.7	42,610	76,266	79.0
March .....	27,796	41,788	50.3	70,406	118,054	67.7
April .....	14,463	27,008	86.7	84,869	145,062	70.9
May .....	17,146	35,667	108.0	102,015	180,729	77.2
June .....	32,708	33,284	1.8	134,723	214,013	58.9
July .....	22,626	39,653	75.3	157,349	253,666	61.2
August .....	15,075	38,677	156.6	172,424	292,343	69.5
September .....	17,469	35,593	103.7	189,893	327,936	72.7
October .....	17,522	41,985	139.6	207,415	369,921	78.3
November .....	19,205	39,586	106.1	226,620	409,507	80.7
December .....	27,184	36,579	34.6	253,804	446,086	75.8

See footnote(s) at end of table.

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

Product and month	By month			Cumulative		
	2010	2011	Change from 2010	2010	2011	Change from 2010
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
<b>Dry whey, total <sup>3</sup></b>						
January .....	85,766	91,069	6.2	85,766	91,069	6.2
February .....	78,206	81,758	4.5	163,972	172,827	5.4
March .....	92,496	94,329	2.0	256,468	267,156	4.2
April .....	87,728	92,067	4.9	344,196	359,223	4.4
May .....	89,255	91,532	2.6	433,451	450,755	4.0
June .....	86,045	83,914	-2.5	519,496	534,669	2.9
July .....	87,529	81,783	-6.6	607,025	616,452	1.6
August .....	81,519	79,789	-2.1	688,544	696,241	1.1
September .....	77,718	76,265	-1.9	766,262	772,506	0.8
October .....	77,888	76,841	-1.3	844,150	849,347	0.6
November .....	79,536	77,478	-2.6	923,686	926,825	0.3
December .....	89,327	83,004	-7.1	1,013,013	1,009,829	-0.3
<b>Lactose, human and animal</b>						
January .....	66,526	81,410	22.4	66,526	81,410	22.4
February .....	63,620	74,777	17.5	130,146	156,187	20.0
March .....	76,286	84,844	11.2	206,432	241,031	16.8
April .....	73,319	80,048	9.2	279,751	321,079	14.8
May .....	75,812	86,002	13.4	355,563	407,081	14.5
June .....	78,516	89,481	14.0	434,079	496,562	14.4
July .....	80,418	85,078	5.8	514,497	581,640	13.1
August .....	80,143	82,902	3.4	594,640	664,542	11.8
September .....	78,448	83,073	5.9	673,088	747,615	11.1
October .....	75,599	82,105	8.6	748,687	829,720	10.8
November .....	76,132	81,505	7.1	824,819	911,225	10.5
December .....	82,671	85,710	3.7	907,490	996,935	9.9
<b>Whey protein concentrate, total</b>						
January .....	34,765	34,871	0.3	34,765	34,871	0.3
February .....	31,417	31,900	1.5	66,182	66,771	0.9
March .....	37,775	37,263	-1.4	103,957	104,034	0.1
April .....	36,265	34,102	-6.0	140,222	138,136	-1.5
May .....	36,811	36,839	0.1	177,033	174,975	-1.2
June .....	35,307	36,549	3.5	212,340	211,524	-0.4
July .....	36,441	34,927	-4.2	248,781	246,451	-0.9
August .....	35,142	35,554	1.2	283,923	282,005	-0.7
September .....	36,005	35,598	-1.1	319,928	317,603	-0.7
October .....	35,583	36,896	3.7	355,511	354,499	-0.3
November .....	34,947	36,818	5.4	390,458	391,317	0.2
December .....	37,447	39,629	5.8	427,905	430,946	0.7

See footnote(s) at end of table.

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

Product and month	By month			Cumulative		
	2010	2011	Change from 2010	2010	2011	Change from 2010
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
<b>Cottage cheese, cream</b>						
January .....	26,188	26,771	2.2	26,188	26,771	2.2
February .....	26,619	26,390	-0.9	52,807	53,161	0.7
March .....	29,926	28,964	-3.2	82,733	82,125	-0.7
April .....	27,367	27,112	-0.9	110,100	109,237	-0.8
May .....	27,334	27,270	-0.2	137,434	136,507	-0.7
June .....	28,648	28,630	-0.1	166,082	165,137	-0.6
July .....	28,455	27,670	-2.8	194,537	192,807	-0.9
August .....	29,693	30,371	2.3	224,230	223,178	-0.5
September .....	28,845	28,182	-2.3	253,075	251,360	-0.7
October .....	26,293	25,079	-4.6	279,368	276,439	-1.0
November .....	26,799	24,227	-9.6	306,167	300,666	-1.8
December .....	25,019	23,203	-7.3	331,186	323,869	-2.2
<b>Cottage cheese, lowfat</b>						
January .....	31,256	31,425	0.5	31,256	31,425	0.5
February .....	31,047	31,405	1.2	62,303	62,830	0.8
March .....	36,335	36,731	1.1	98,638	99,561	0.9
April .....	33,019	32,341	-2.1	131,657	131,902	0.2
May .....	31,759	32,694	2.9	163,416	164,596	0.7
June .....	33,458	34,355	2.7	196,874	198,951	1.1
July .....	33,482	31,856	-4.9	230,356	230,807	0.2
August .....	33,547	34,075	1.6	263,903	264,882	0.4
September .....	34,923	31,626	-9.4	298,826	296,508	-0.8
October .....	30,286	29,086	-4.0	329,112	325,594	-1.1
November .....	30,475	30,485	0.0	359,587	356,079	-1.0
December .....	29,440	28,040	-4.8	389,027	384,119	-1.3
<b>Sour cream</b>						
January .....	96,647	97,219	0.6	96,647	97,219	0.6
February .....	88,756	86,457	-2.6	185,403	183,676	-0.9
March .....	109,544	110,891	1.2	294,947	294,567	-0.1
April .....	93,538	103,868	11.0	388,485	398,435	2.6
May .....	97,387	106,063	8.9	485,872	504,498	3.8
June .....	103,575	106,959	3.3	589,447	611,457	3.7
July .....	94,045	100,249	6.6	683,492	711,706	4.1
August .....	104,580	110,393	5.6	788,072	822,099	4.3
September .....	97,573	97,597	0.0	885,645	919,696	3.8
October .....	105,403	106,079	0.6	991,048	1,025,775	3.5
November .....	119,556	124,348	4.0	1,110,604	1,150,123	3.6
December .....	116,189	114,649	-1.3	1,226,793	1,264,772	3.1

See footnote(s) at end of table.

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

Product and month	By month			Cumulative		
	2010	2011	Change from 2010	2010	2011	Change from 2010
	(1,000 gallons)	(1,000 gallons)	(percent)	(1,000 gallons)	(1,000 gallons)	(percent)
<b>Ice cream, regular hard</b>						
January .....	54,485	55,942	2.7	54,485	55,942	2.7
February .....	62,506	61,802	-1.1	116,991	117,744	0.6
March .....	79,218	74,616	-5.8	196,209	192,360	-2.0
April .....	78,372	74,088	-5.5	274,581	266,448	-3.0
May .....	79,640	74,980	-5.9	354,221	341,428	-3.6
June .....	82,939	75,131	-9.4	437,160	416,559	-4.7
July .....	76,827	71,229	-7.3	513,987	487,788	-5.1
August .....	73,900	77,396	4.7	587,887	565,184	-3.9
September .....	71,854	69,286	-3.6	659,741	634,470	-3.8
October .....	59,228	59,559	0.6	718,969	694,029	-3.5
November .....	50,934	52,314	2.7	769,903	746,343	-3.1
December .....	50,368	50,348		820,271	796,691	-2.9
<b>Ice cream, lowfat total</b>						
January .....	23,327	23,823	2.1	23,327	23,823	2.1
February .....	25,592	27,925	9.1	48,919	51,748	5.8
March .....	35,380	36,537	3.3	84,299	88,285	4.7
April .....	36,701	38,428	4.7	121,000	126,713	4.7
May .....	35,144	38,848	10.5	156,144	165,561	6.0
June .....	42,383	43,420	2.4	198,527	208,981	5.3
July .....	39,148	41,888	7.0	237,675	250,869	5.6
August .....	37,745	40,653	7.7	275,420	291,522	5.8
September .....	33,004	33,977	2.9	308,424	325,499	5.5
October .....	27,255	30,114	10.5	335,679	355,613	5.9
November .....	23,268	26,035	11.9	358,947	381,648	6.3
December .....	21,083	24,526	16.3	380,030	406,174	6.9
<b>Sherbet, hard</b>						
January .....	3,366	3,189	-5.3	3,366	3,189	-5.3
February .....	3,566	3,007	-15.7	6,932	6,196	-10.6
March .....	4,997	4,435	-11.2	11,929	10,631	-10.9
April .....	5,002	3,709	-25.8	16,931	14,340	-15.3
May .....	4,488	4,240	-5.5	21,419	18,580	-13.3
June .....	4,824	4,553	-5.6	26,243	23,133	-11.9
July .....	4,484	3,723	-17.0	30,727	26,856	-12.6
August .....	3,854	4,199	9.0	34,581	31,055	-10.2
September .....	3,443	3,121	-9.4	38,024	34,176	-10.1
October .....	2,899	2,558	-11.8	40,923	36,734	-10.2
November .....	2,672	2,519	-5.7	43,595	39,253	-10.0
December .....	2,943	2,422	-17.7	46,538	41,675	-10.4

See footnote(s) at end of table.

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

Product and month	By month			Cumulative		
	2010	2011	Change from 2010	2010	2011	Change from 2010
	(1,000 pounds)	(1,000 pounds)	(percent)	(1,000 pounds)	(1,000 pounds)	(percent)
<b>Yogurt, plain and flavored</b>						
January .....	344,591	359,768	4.4	344,591	359,768	4.4
February .....	324,354	349,604	7.8	668,945	709,372	6.0
March .....	399,326	397,101	-0.6	1,068,271	1,106,473	3.6
April .....	341,590	357,666	4.7	1,409,861	1,464,139	3.8
May .....	333,895	347,920	4.2	1,743,756	1,812,059	3.9
June .....	362,594	376,044	3.7	2,106,350	2,188,103	3.9
July .....	340,889	336,900	-1.2	2,447,239	2,525,003	3.2
August .....	360,459	372,402	3.3	2,807,698	2,897,405	3.2
September .....	395,070	391,267	-1.0	3,202,768	3,288,672	2.7
October .....	321,592	346,086	7.6	3,524,360	3,634,758	3.1
November .....	321,741	313,045	-2.7	3,846,101	3,947,803	2.6
December .....	334,769	327,900	-2.1	4,180,870	4,275,703	2.3
	(1,000 gallons)	(1,000 gallons)	(percent)	(1,000 gallons)	(1,000 gallons)	(percent)
<b>Frozen yogurt, total</b>						
January .....	2,909	3,607	24.0	2,909	3,607	24.0
February .....	3,533	4,410	24.8	6,442	8,017	24.4
March .....	4,828	4,696	-2.7	11,270	12,713	12.8
April .....	4,556	4,115	-9.7	15,826	16,828	6.3
May .....	4,867	4,569	-6.1	20,693	21,397	3.4
June .....	5,291	4,937	-6.7	25,984	26,334	1.3
July .....	4,752	5,026	5.8	30,736	31,360	2.0
August .....	4,748	5,394	13.6	35,484	36,754	3.6
September .....	4,502	4,392	-2.4	39,986	41,146	2.9
October .....	3,555	3,808	7.1	43,541	44,954	3.2
November .....	3,252	3,262	0.3	46,793	48,216	3.0
December .....	2,947	3,272	11.0	49,740	51,488	3.5

<sup>1</sup> Includes Cheddar, Colby, Monterey, and Jack.

<sup>2</sup> Includes protein standardized and blends.

<sup>3</sup> Excludes all modified dry whey products.

**Total Cheese Production Excluding Cottage Cheese – States and United States:  
December 2010 and 2011**

State	December 2010	November 2011	December 2011	Change from	
				December 2010	November 2011
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California .....	190,335	188,740	195,489	2.7	3.6
Idaho .....	74,674	69,645	75,675	1.3	8.7
Illinois .....	6,953	5,140	5,033	-27.6	-2.1
Iowa .....	21,309	19,329	22,305	4.7	15.4
Minnesota .....	53,119	47,024	52,107	-1.9	10.8
New Mexico .....	66,528	63,012	64,691	-2.8	2.7
New York .....	64,794	63,773	68,602	5.9	7.6
Ohio .....	18,168	16,222	16,331	-10.1	0.7
Pennsylvania .....	34,914	34,934	34,992	0.2	0.2
South Dakota .....	23,012	23,740	23,382	1.6	-1.5
Vermont .....	10,543	11,086	10,046	-4.7	-9.4
Wisconsin .....	222,357	221,384	230,238	3.5	4.0
Other States <sup>1</sup> .....	121,258	127,746	130,563	7.7	2.2
United States .....	907,964	891,775	929,454	2.4	4.2
Atlantic .....	118,919	118,696	122,381	2.9	3.1
Central .....	401,405	393,429	409,269	2.0	4.0
West .....	387,640	379,650	397,804	2.6	4.8

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

### American Cheese Production – States and United States: December 2010 and 2011

State	December 2010	November 2011	December 2011	Change from	
				December 2010	November 2011
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California .....	51,034	49,552	50,129	-1.8	1.2
Idaho .....	57,709	54,217	56,075	-2.8	3.4
Iowa .....	16,801	14,952	17,265	2.8	15.5
Oregon .....	12,842	13,604	14,213	10.7	4.5
Wisconsin .....	68,110	64,356	68,700	0.9	6.7
Other States <sup>1</sup> .....	159,839	154,310	164,302	2.8	6.5
United States .....	366,335	350,991	370,684	1.2	5.6
Atlantic .....	16,456	15,519	16,650	1.2	7.3
Central .....	173,107	162,534	175,267	1.2	7.8
West .....	176,772	172,938	178,767	1.1	3.4

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

### Cheddar Cheese Production – States and United States: December 2010 and 2011

State	December 2010	November 2011	December 2011	Change from	
				December 2010	November 2011
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California .....	27,808	26,116	27,785	-0.1	6.4
Idaho .....	45,867	44,060	44,670	-2.6	1.4
Iowa .....	10,152	9,272	11,163	10.0	20.4
Minnesota .....	42,836	33,819	38,832	-9.3	14.8
Wisconsin .....	49,813	45,540	49,400	-0.8	8.5
Other States <sup>1</sup> .....	98,243	96,767	102,816	4.7	6.3
United States .....	274,719	255,574	274,666		7.5
Atlantic .....	16,262	15,071	16,557	1.8	9.9
Central .....	131,586	116,328	127,280	-3.3	9.4
West .....	126,871	124,175	130,829	3.1	5.4

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

## Total Italian Cheese Production – States and United States: December 2010 and 2011

State	December 2010	November 2011	December 2011	Change from	
				December 2010	November 2011
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California .....	120,177	120,314	127,009	5.7	5.6
New York .....	34,222	29,452	33,835	-1.1	14.9
Pennsylvania .....	22,774	19,889	22,017	-3.3	10.7
Wisconsin .....	114,904	115,198	121,602	5.8	5.6
Other States <sup>1</sup> .....	102,630	99,059	104,139	1.5	5.1
United States .....	394,707	383,912	408,602	3.5	6.4
Atlantic .....	63,645	56,524	62,498	-1.8	10.6
Central .....	153,933	156,456	163,407	6.2	4.4
West .....	177,129	170,932	182,697	3.1	6.9

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

## Mozzarella Cheese Production – States and United States: December 2010 and 2011

State	December 2010	November 2011	December 2011	Change from	
				December 2010	November 2011
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California .....	110,872	108,931	118,448	6.8	8.7
New York .....	16,901	13,762	17,138	1.4	24.5
Wisconsin .....	76,106	76,512	81,400	7.0	6.4
Other States <sup>1</sup> .....	104,739	95,763	104,016	-0.7	8.6
United States .....	308,618	294,968	321,002	4.0	8.8
Atlantic .....	39,204	34,545	40,198	2.5	16.4
Central .....	104,802	104,020	109,738	4.7	5.5
West .....	164,612	156,403	171,066	3.9	9.4

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

**Butter Production – States and United States: December 2010 and 2011**

State	December 2010	November 2011	December 2011	Change from	
				December 2010	November 2011
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California .....	53,624	52,441	58,087	8.3	10.8
Other States <sup>1</sup> .....	104,118	99,890	107,819	3.6	7.9
United States .....	157,742	152,331	165,906	5.2	8.9
Atlantic .....	17,287	12,363	16,082	-7.0	30.1
Central .....	58,884	61,400	63,905	8.5	4.1
West .....	81,571	78,568	85,919	5.3	9.4

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

**Nonfat Dry Milk (Human) Production – States and United States: December 2010 and 2011**

State	December 2010	November 2011	December 2011	Change from	
				December 2010	November 2011
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California .....	72,699	61,739	73,970	1.7	19.8
Other States <sup>1</sup> .....	66,344	58,576	76,232	14.9	30.1
United States .....	139,043	120,315	150,202	8.0	24.8
Atlantic .....	19,748	8,761	18,930	-4.1	116.1
Central .....	13,306	13,456	18,149	36.4	34.9
West .....	105,989	98,098	113,123	6.7	15.3

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



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

State	December 2010	November 2011	December 2011	Change from	
				December 2010	November 2011
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
Wisconsin .....	25,566	23,805	26,253	2.7	10.3
Other States <sup>1</sup> .....	58,541	48,514	51,103	-12.7	5.3
United States .....	84,107	72,319	77,356	-8.0	7.0
Atlantic .....	18,005	19,826	21,024	16.8	6.0
Central .....	40,284	36,739	40,060	-0.6	9.0
West .....	25,818	15,754	16,272	-37.0	3.3

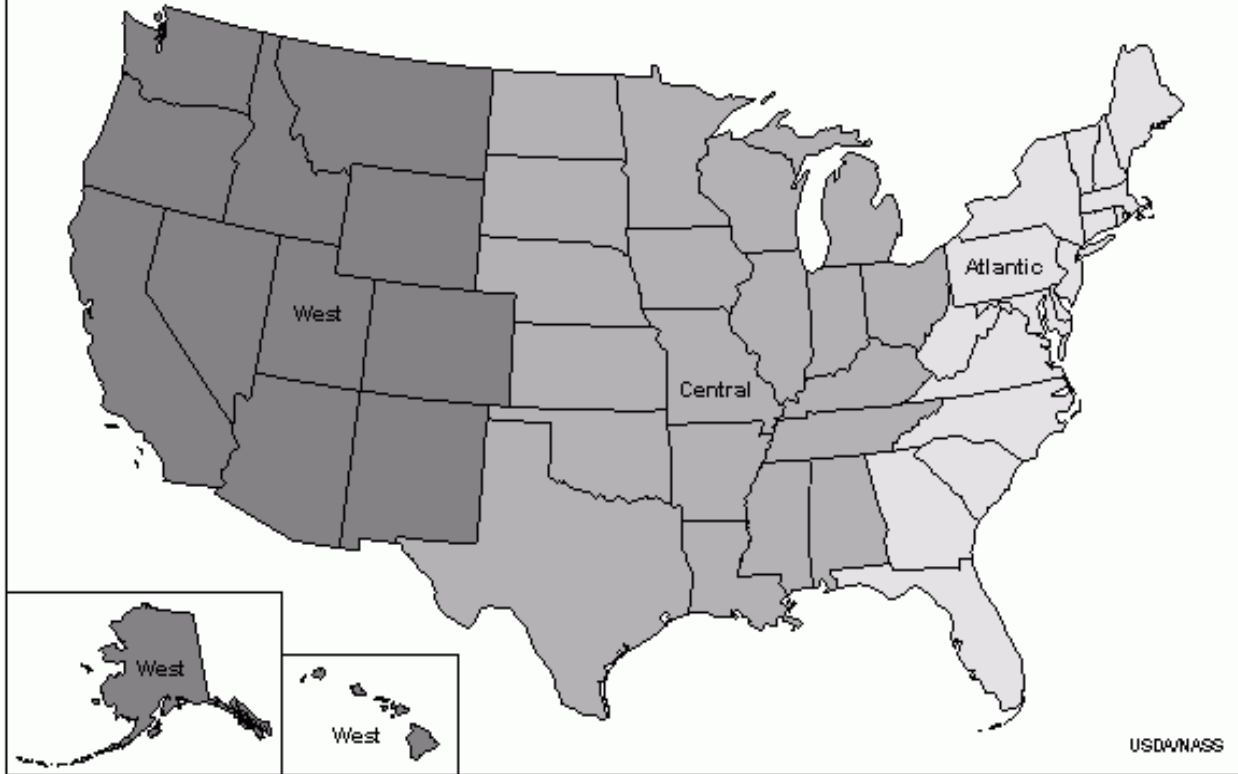
<sup>1</sup> States not shown when fewer than 3 plants reported or individual plant operations could be disclosed.

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

State	December 2010	November 2011	December 2011	Change from	
				December 2010	November 2011
	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(percent)	(percent)
California .....	6,536	10,267	8,696	33.0	-15.3
Other States <sup>1</sup> .....	43,832	42,047	41,652	-5.0	-0.9
United States .....	50,368	52,314	50,348		-3.8
Atlantic .....	10,368	11,978	11,758	13.4	-1.8
Central .....	29,771	25,548	25,978	-12.7	1.7
West .....	10,229	14,788	12,612	23.3	-14.7

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

# Dairy Products Regions



## Statistical Methodology

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

**Sampling frames and sample size:** In 2010, there were 1,228 manufacturers that produced one or more dairy products. In states with small numbers of plants, reports are received from all plants each month. In states with large numbers of plants, survey procedures are designed to obtain monthly reports from all large plants and from a sample of small plants. In some states, the State Departments of Agriculture assist in collection of data, which eliminates duplicate reporting and reduces respondent burden.

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

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

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

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

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

## Information Contacts

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

Dan Kerestes, Chief, Livestock Branch .....	(202) 720-3570
Scott Hollis, Head, Livestock Section .....	(202) 690-2424
Travis Averill – Cattle, Cattle on Feed .....	(202) 720-3040
Sherry Bertramsen – Livestock Slaughter .....	(515) 284-4340
Doug Bounds – Hogs and Pigs, Goats .....	(202) 720-3106
Mike Miller – Milk Production and Milk Cows .....	(202) 720-3278
Everett Olbert – Dairy Products Prices .....	(202) 720-4751
Lorie Warren – Dairy Products, Sheep .....	(202) 690-3236

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