



# Dairy Products

ISSN: 1949-0399

---

Released October 4, 2010, by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, United States Department of Agriculture (USDA).

## August 2010 Highlights

**Total cheese** output (excluding cottage cheese) was 881 million pounds, 3.5 percent above August 2009 but 0.1 percent below July 2010.

**Italian type cheese** production totaled 366 million pounds, 5.9 percent above August 2009 and 0.5 percent above July 2010.

**American type cheese** production totaled 354 million pounds, 2.1 percent above August 2009 but 3.8 percent below July 2010.

**Butter** production was 102 million pounds, 0.6 percent above August 2009 but 8.4 percent below July 2010.

### **Dry milk powders** (comparisons with August 2009)

Nonfat dry milk, human - 120 million pounds, up 12.1 percent.

Skim milk powders - 15.1 million pounds, up 41.2 percent.

### **Whey products** (comparisons with August 2009)

Dry whey, total - 81.9 million pounds, down 0.8 percent.

Lactose, human and animal - 78.7 million pounds, up 26.7 percent.

Whey protein concentrate, total - 35.3 million pounds, up 0.1 percent.

### **Frozen products** (comparisons with August 2009)

Ice cream, regular (hard) - 76.5 million gallons, down 3.5 percent.

Ice cream, lowfat (total) - 40.2 million gallons, up 11.2 percent.

Sherbet (hard) - 3.75 million gallons, down 12.0 percent.

Frozen yogurt (total) - 6.46 million gallons, down 11.7 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.



## Contents

Dairy Products Production by Product - United States.....	4
Whey and Modified Whey Products Production, Stocks, and Prices - United States.....	5
Canned, Condensed, and Dry Milk Products Production, Stocks, and Shipments - United States.....	6
Dairy Products Production by Product and Month - United States.....	7
Total Cheese Production Excluding Cottage Cheese - States and United States.....	14
American Cheese Production - States and United States.....	15
Cheddar Cheese Production - States and United States.....	15
Total Italian Cheese Production - States and United States.....	16
Mozzarella Cheese Production - States and United States.....	16
Butter Production - States and United States.....	17
Nonfat Dry Milk (Human) Production - States and United States.....	17
Dry Whey (Human) Production - States and United States.....	18
Ice Cream, Regular (Hard) Production - States and United States.....	18
Statistical Methodology .....	19
Information Contacts .....	19

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

Product	August 2009	July 2010	August 2010	Change from	
				August 2009	July 2010
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
Butter .....	101,029	111,001	101,625	0.6	-8.4
<b>Cheese</b>					
American types <sup>1</sup> .....	347,088	368,415	354,465	2.1	-3.8
Cheddar .....	264,743	276,134	265,512	0.3	-3.8
Other American types .....	82,345	92,281	88,953	8.0	-3.6
Brick and Muenster .....	11,143	10,312	10,450	-6.2	1.3
Cream and Neufchatel .....	76,739	64,252	74,163	-3.4	15.4
Hispanic .....	18,009	17,319	17,984	-0.1	3.8
Italian types .....	345,799	364,325	366,176	5.9	0.5
Mozzarella .....	272,632	291,658	294,266	7.9	0.9
Parmesan .....	17,306	17,887	15,936	-7.9	-10.9
Provolone .....	29,893	29,972	28,471	-4.8	-5.0
Ricotta .....	18,936	17,711	20,948	10.6	18.3
Romano .....	3,191	2,753	2,126	-33.4	-22.8
Other Italian types .....	3,841	4,344	4,429	15.3	2.0
Swiss .....	26,094	28,399	27,561	5.6	-3.0
All other types .....	25,812	28,619	29,775	15.4	4.0
<b>Total cheese</b> .....	<b>850,684</b>	<b>881,641</b>	<b>880,574</b>	<b>3.5</b>	<b>-0.1</b>
Cottage cheese, curd <sup>2</sup> .....	37,099	35,486	36,117	-2.6	1.8
Cottage cheese, cream <sup>3</sup> .....	30,375	27,687	28,616	-5.8	3.4
Cottage cheese, lowfat <sup>4</sup> .....	32,107	32,571	31,856	-0.8	-2.2
Sour cream .....	93,770	90,130	99,378	6.0	10.3
Yogurt, plain and flavored .....	323,373	340,025	361,508	11.8	6.3
	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(percent)	(percent)
<b>Frozen products</b>					
Ice cream, regular, hard .....	79,273	78,706	76,537	-3.5	-2.8
Ice cream, lowfat, hard .....	12,521	14,445	14,823	18.4	2.6
Ice cream, lowfat, soft .....	23,662	26,514	25,420	7.4	-4.1
Ice cream, lowfat, total .....	36,183	40,959	40,243	11.2	-1.7
Ice cream, nonfat, hard .....	1,318	1,256	1,073	-18.6	-14.6
Sherbet, hard .....	4,257	4,564	3,745	-12.0	-17.9
Frozen yogurt, total .....	7,313	7,577	6,455	-11.7	-14.8
Regular and lowfat, hard .....	1,669	1,858	1,890	13.2	1.7
Nonfat, hard .....	548	666	622	13.5	-6.6
Other frozen dairy products .....	1,283	1,202	1,105	-13.9	-8.1
Water and juice ices .....	5,352	6,360	5,749	7.4	-9.6
<b>Mix for frozen products</b>					
Ice cream, regular, mix .....	45,201	45,882	45,036	-0.4	-1.8
Ice cream, lowfat, mix .....	20,809	23,479	23,023	10.6	-1.9
Ice cream, nonfat, mix .....	791	754	671	-15.2	-11.0
Sherbet mix .....	2,812	2,968	2,495	-11.3	-15.9
Yogurt mix .....	4,160	4,592	3,912	-6.0	-14.8

<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: August 2009 and 2010**

Product	August 2009	July 2010	August 2010	Change from	
				August 2009	July 2010
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
<b>Production</b>					
Condensed whey, solids content <sup>1</sup>					
Sweet-type, human .....	7,202	7,645	6,324	-12.2	-17.3
Dry whey products					
Dry whey, human .....	77,389	83,302	76,583	-1.0	-8.1
Dry whey, animal .....	5,166	4,235	5,275	2.1	24.6
Dry whey, total .....	82,555	87,537	81,858	-0.8	-6.5
Reduced lactose and minerals					
Human .....	2,622	3,102	2,237	-14.7	-27.9
Animal .....	4,017	4,407	4,137	3.0	-6.1
Whey protein concentrate					
Human <sup>2</sup> .....	32,269	32,795	32,051	-0.7	-2.3
Animal <sup>2</sup> .....	3,015	3,231	3,285	9.0	1.7
Total <sup>2</sup> .....	35,284	36,026	35,336	0.1	-1.9
25.0-49.9 percent <sup>3</sup> .....	22,698	21,431	20,236	-10.8	-5.6
50.0-89.9 percent <sup>3</sup> .....	12,586	14,595	15,100	20.0	3.5
Whey protein isolates <sup>4</sup> .....	4,694	5,111	5,066	7.9	-0.9
Lactose, human and animal .....	62,065	78,557	78,666	26.7	0.1
<b>Manufacturers' stocks end of month <sup>5</sup></b>					
Dry whey products					
Dry whey, human .....	52,393	46,900	38,869	-25.8	-17.1
Dry whey, animal .....	2,608	6,867	4,923	88.8	-28.3
Dry whey, total .....	55,001	53,767	43,792	-20.4	-18.6
Reduced Lactose and minerals					
Human and animal <sup>6</sup> .....	14,088	10,620	10,560	-25.0	-0.6
Whey protein concentrate					
Human <sup>2</sup> .....	34,837	34,961	32,586	-6.5	-6.8
Animal <sup>2</sup> .....	2,266	1,712	1,585	-30.1	-7.4
Total <sup>2</sup> .....	37,103	36,673	34,171	-7.9	-6.8
25.0-49.9 percent <sup>3</sup> .....	24,227	20,934	18,813	-22.3	-10.1
50.0-89.9 percent <sup>3</sup> .....	12,876	15,739	15,358	19.3	-2.4
Whey protein isolates <sup>4</sup> .....	10,900	9,034	7,951	-27.1	-12.0
Lactose, human and animal .....	51,969	82,321	82,586	58.9	0.3
	(cents per pound)	(cents per pound)	(cents per pound)	(cents change)	(cents change)
<b>Manufacturers' selling price <sup>7</sup></b>					
Dry whey, animal .....	27.3	33.7	34.0	6.7	0.3

<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:  
August 2009 and 2010**

Product	August 2009	July 2010	August 2010	Change from	
				August 2009	July 2010
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
<b>Production</b>					
Bulk condensed milk					
Skim, unsweetened .....	134,673	137,178	136,133	1.1	-0.8
Canned milk					
Evaporated and condensed whole .....	40,180	44,481	43,528	8.3	-2.1
Dry milk products					
Dry buttermilk, total .....	5,099	5,736	5,201	2.0	-9.3
Dry skim milk, animal .....	724	759	596	-17.7	-21.5
Dry whole milk .....	6,064	6,377	4,234	-30.2	-33.6
Milk protein concentrate, total <sup>1</sup> .....	5,937	7,286	4,802	-19.1	-34.1
Nonfat dry milk, human .....	107,049	131,819	119,986	12.1	-9.0
Skim milk powder, total <sup>2</sup> .....	10,677	22,626	15,075	41.2	-33.4
<b>Manufacturers' stocks end-of-month</b> <sup>3</sup>					
Canned milk					
Evaporated and condensed whole .....	100,957	125,769	130,386	29.2	3.7
Dry milk products					
Dry buttermilk, total .....	5,035	9,215	7,903	57.0	-14.2
Dry skim milk, animal .....	2,808	1,649	1,092	-61.1	-33.8
Dry whole milk .....	4,578	6,981	4,906	7.2	-29.7
Nonfat dry milk, human .....	138,269	193,589	160,301	15.9	-17.2
<b>Manufacturers' shipments</b> <sup>4</sup>					
Dry milk products					
Nonfat dry milk, human .....	145,756	107,821	150,576	3.3	39.7

<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: 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)
<b>Total cheese</b>						
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	880,574	3.5	6,700,614	6,892,888	2.9
September .....	842,490			7,543,104		
October .....	862,785			8,405,889		
November .....	839,532			9,245,421		
December .....	863,872			10,109,293		
<b>Total American cheese types <sup>1</sup></b>						
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	354,465	2.1	2,826,383	2,851,915	0.9
September .....	342,921			3,169,304		
October .....	349,403			3,518,707		
November .....	331,593			3,850,300		
December .....	352,199			4,202,499		
<b>Cheddar cheese</b>						
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	265,512	0.3	2,172,952	2,178,807	0.3
September .....	259,004			2,431,956		
October .....	263,443			2,695,399		
November .....	248,976			2,944,375		
December .....	263,062			3,207,437		

See footnote(s) at end of table.

--continued

**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)
<b>Total Italian cheese types</b>						
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	366,176	5.9	2,747,553	2,903,202	5.7
September .....	346,087			3,093,640		
October .....	357,854			3,451,494		
November .....	358,986			3,810,480		
December .....	369,800			4,180,280		
<b>Mozzarella</b>						
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	294,266	7.9	2,151,054	2,302,997	7.1
September .....	270,262			2,421,316		
October .....	278,106			2,699,422		
November .....	279,105			2,978,527		
December .....	288,779			3,267,306		
<b>Other Italian cheese types</b>						
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	4,429	15.3	32,374	32,054	-1.0
September .....	4,478			36,852		
October .....	4,007			40,859		
November .....	4,021			44,880		
December .....	4,069			48,949		

See footnote(s) at end of table.

--continued



**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)
<b>Butter</b>						
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	101,625	0.6	1,093,903	1,035,490	-5.3
September .....	94,690			1,188,593		
October .....	113,084			1,301,677		
November .....	120,967			1,422,644		
December .....	150,837			1,573,481		
<b>Nonfat dry milk, human</b>						
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	119,986	12.1	1,099,627	1,078,257	-1.9
September .....	87,808			1,187,435		
October .....	92,800			1,280,235		
November .....	102,156			1,382,391		
December .....	126,720			1,509,111		
<b>Skim milk powders <sup>2</sup></b>						
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			170,211		
October .....	10,174			180,385		
November .....	18,924			199,309		
December .....	22,601			221,910		

See footnote(s) at end of table.

--continued

**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)
<b>Dry whey, total <sup>3</sup></b>						
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	81,858	-0.8	676,025	692,470	2.4
September .....	79,006			755,031		
October .....	81,709			836,740		
November .....	79,361			916,101		
December .....	85,059			1,001,160		
<b>Lactose, human and animal</b>						
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	78,666	26.7	471,663	584,164	23.9
September .....	60,066			531,729		
October .....	63,926			595,655		
November .....	61,927			657,582		
December .....	64,977			722,559		
<b>Whey protein concentrate, total</b>						
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	35,336	0.1	275,529	279,672	1.5
September .....	34,810			310,339		
October .....	35,830			346,169		
November .....	34,061			380,230		
December .....	34,785			415,015		

See footnote(s) at end of table.

--continued

**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)
<b>Cottage cheese, cream</b>						
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	28,616	-5.8	234,570	215,890	-8.0
September .....	30,995			265,565		
October .....	26,685			292,250		
November .....	24,586			316,836		
December .....	25,064			341,900		
<b>Cottage cheese, lowfat</b>						
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	31,856	-0.8	263,653	253,117	-4.0
September .....	35,038			298,691		
October .....	31,246			329,937		
November .....	28,733			358,670		
December .....	28,987			387,657		
<b>Sour cream</b>						
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	99,378	6.0	736,402	751,730	2.1
September .....	92,435			828,837		
October .....	103,645			932,482		
November .....	108,446			1,040,928		
December .....	107,081			1,148,009		

See footnote(s) at end of table.

--continued

**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)
<b>Ice cream, regular hard</b>						
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	76,537	-3.5	611,696	598,466	-2.2
September .....	74,304			686,000		
October .....	68,602			754,602		
November .....	53,003			807,605		
December .....	49,098			856,703		
<b>Ice cream, lowfat total</b>						
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	40,243	11.2	274,781	290,308	5.7
September .....	31,395			306,176		
October .....	28,391			334,567		
November .....	23,855			358,422		
December .....	23,033			381,455		
<b>Sherbet, hard</b>						
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	3,745	-12.0	37,432	34,725	-7.2
September .....	4,266			41,698		
October .....	3,340			45,038		
November .....	2,572			47,610		
December .....	2,670			50,280		

See footnote(s) at end of table.

--continued

**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)
<b>Yogurt, plain and flavored</b>						
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	361,508	11.8	2,570,696	2,781,124	8.2
September .....	369,995			2,940,691		
October .....	309,431			3,250,122		
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)
<b>Frozen yogurt, total</b>						
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	6,455	-11.7	52,819	50,086	-5.2
September .....	6,627			59,446		
October .....	5,936			65,382		
November .....	4,647			70,029		
December .....	4,388			74,417		

<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: August 2009 and 2010

State	August 2009	July 2010	August 2010	Change from	
				August 2009	July 2010
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California .....	169,219	188,368	189,915	12.2	0.8
Idaho .....	69,747	72,502	73,329	5.1	1.1
Illinois .....	6,643	6,548	5,930	-10.7	-9.4
Iowa .....	17,844	20,734	18,525	3.8	-10.7
Minnesota .....	52,317	53,000	47,545	-9.1	-10.3
New Jersey .....	2,593				
New Mexico .....	50,623	59,746	59,148	16.8	-1.0
New York .....	67,110	58,622	65,884	-1.8	12.4
Ohio .....	16,015	17,373	17,211	7.5	-0.9
Pennsylvania .....	32,794	35,759	35,730	9.0	-0.1
South Dakota .....	19,865	20,378	20,484	3.1	0.5
Utah .....	8,834				
Vermont .....	10,060	9,250	8,986	-10.7	-2.9
Wisconsin .....	228,251	221,395	225,136	-1.4	1.7
Other States <sup>1</sup> .....	98,769	117,966	112,751		
United States .....	850,684	881,641	880,574	3.5	-0.1
Atlantic .....	118,084	111,742	117,778	-0.3	5.4
Central .....	385,206	391,480	381,772	-0.9	-2.5
West .....	347,394	378,419	381,024	9.7	0.7

<sup>1</sup> 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: August 2009 and 2010

State	August 2009	July 2010	August 2010	Change from	
				August 2009	July 2010
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California .....	52,194	52,429	51,596	-1.1	-1.6
Idaho .....	56,947	58,535	59,045	3.7	0.9
Iowa .....	13,814	16,005	14,076	1.9	-12.1
Ohio .....	845				
Oregon .....	15,141	12,656	13,127	-13.3	3.7
Wisconsin .....	70,674	73,561	69,900	-1.1	-5.0
Other States <sup>1</sup> .....	137,473	155,229	146,721		
United States .....	347,088	368,415	354,465	2.1	-3.8
Atlantic .....	11,837	15,871	16,051	35.6	1.1
Central .....	162,570	172,191	159,023	-2.2	-7.6
West .....	172,681	180,353	179,391	3.9	-0.5

<sup>1</sup> 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: August 2009 and 2010

State	August 2009	July 2010	August 2010	Change from	
				August 2009	July 2010
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California .....	30,022	27,313	27,548	-8.2	0.9
Idaho .....	46,540	47,348	46,676	0.3	-1.4
Iowa .....	8,788	9,428	8,308	-5.5	-11.9
Minnesota .....	41,791	41,577	36,818	-11.9	-11.4
Ohio .....	583				
Wisconsin .....	55,198	56,306	52,200	-5.4	-7.3
Other States <sup>1</sup> .....	81,821	94,162	93,962		
United States .....	264,743	276,134	265,512	0.3	-3.8
Atlantic .....	11,460	15,117	15,508	35.3	2.6
Central .....	126,117	132,960	118,926	-5.7	-10.6
West .....	127,166	128,057	131,078	3.1	2.4

<sup>1</sup> 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: August 2009 and 2010

State	August 2009	July 2010	August 2010	Change from	
				August 2009	July 2010
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California .....	101,745	116,172	120,103	18.0	3.4
New York .....	31,440	27,932	31,006	-1.4	11.0
Pennsylvania .....	20,236	23,284	23,095	14.1	-0.8
Wisconsin .....	103,867	103,940	103,108	-0.7	-0.8
Other States <sup>1</sup> .....	88,511	92,997	88,864	0.4	-4.4
United States .....	345,799	364,325	366,176	5.9	0.5
Atlantic .....	59,823	57,781	59,675	-0.2	3.3
Central .....	137,690	141,760	137,572	-0.1	-3.0
West .....	148,286	164,784	168,929	13.9	2.5

<sup>1</sup> 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: August 2009 and 2010

State	August 2009	July 2010	August 2010	Change from	
				August 2009	July 2010
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California .....	90,547	106,246	110,385	21.9	3.9
New York .....	17,410	15,779	16,753	-3.8	6.2
Wisconsin .....	74,937	73,503	73,500	-1.9	
Other States <sup>1</sup> .....	89,738	96,130	93,628	4.3	-2.6
United States .....	272,632	291,658	294,266	7.9	0.9
Atlantic .....	39,673	39,995	40,155	1.2	0.4
Central .....	98,762	99,681	97,437	-1.3	-2.3
West .....	134,197	151,982	156,674	16.7	3.1

<sup>1</sup> 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: August 2009 and 2010

State	August 2009	July 2010	August 2010	Change from	
				August 2009	July 2010
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California .....	37,613	41,646	39,179	4.2	-5.9
Pennsylvania .....	5,200				
Other States <sup>1</sup> .....	58,216	69,355	62,446		
United States .....	101,029	111,001	101,625	0.6	-8.4
Atlantic .....	7,648	8,096	7,453	-2.5	-7.9
Central .....	37,772	37,953	36,620	-3.0	-3.5
West .....	55,609	64,952	57,552	3.5	-11.4

<sup>1</sup> 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: August 2009 and 2010

State	August 2009	July 2010	August 2010	Change from	
				August 2009	July 2010
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California .....	68,765	68,034	74,252	8.0	9.1
Other States <sup>1</sup> .....	38,284	63,785	45,734	19.5	-28.3
United States .....	107,049	131,819	119,986	12.1	-9.0
Atlantic .....	10,924	18,126	12,264	12.3	-32.3
Central .....	8,309	10,199	6,570	-20.9	-35.6
West .....	87,816	103,494	101,152	15.2	-2.3

<sup>1</sup> 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: August 2009 and 2010

State	August 2009	July 2010	August 2010	Change from	
				August 2009	July 2010
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
New York .....	11,092	10,398	9,845	-11.2	-5.3
Wisconsin .....	23,246	25,790	23,600	1.5	-8.5
Other States <sup>1</sup> .....	43,051	47,114	43,138	0.2	-8.4
United States .....	77,389	83,302	76,583	-1.0	-8.1
Atlantic .....	19,421	20,592	19,568	0.8	-5.0
Central .....	37,517	42,159	37,384	-0.4	-11.3
West .....	20,451	20,551	19,631	-4.0	-4.5

<sup>1</sup> 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: August 2009 and 2010

State	August 2009	July 2010	August 2010	Change from	
				August 2009	July 2010
	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(percent)	(percent)
California .....	14,823	13,761	11,867	-19.9	-13.8
Indiana .....	7,908	8,024	7,981	0.9	-0.5
Massachusetts .....	3,267	2,792	2,882	-11.8	3.2
Missouri .....	2,462	2,485	2,600	5.6	4.6
New York .....	2,537				
North Carolina .....	1,533	1,478	1,115	-27.3	-24.6
Ohio .....	1,955	2,169	2,000	2.3	-7.8
Oregon .....	1,648	1,689	1,757	6.6	4.0
Pennsylvania .....	3,114	3,480	3,566	14.5	2.5
Tennessee .....	1,110				
Texas .....	4,556	4,545	4,492	-1.4	-1.2
Utah .....	1,928	1,861	2,145	11.3	15.3
Wisconsin .....	1,158	1,342	1,318	13.8	-1.8
Other States <sup>1</sup> .....	31,274	35,080	34,814		
United States .....	79,273	78,706	76,537	-3.5	-2.8
North Atlantic .....	11,671				
South Atlantic .....	5,265				
Atlantic .....		17,635	16,548		
East North Central .....	16,317				
West North Central .....	13,643				
South Central .....	10,112				
Central .....		40,481	40,607		
West .....	22,265	20,590	19,382	-12.9	-5.9

<sup>1</sup> 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](mailto:nass@nass.usda.gov)

Dan Kerestes, Chief, Livestock Branch .....	(202) 720-3570
Scott Hollis, Head, Livestock Section .....	(202) 690-2424
Lorie Warren – Dairy Products .....	(202) 690-3236
Joe Gaynor – Dairy Products Prices .....	(202) 690-2168
Jason Hardegree – Cattle, Cattle on Feed .....	(202) 720-3040
Sherry Bertramsen – Livestock Slaughter .....	(515) 284-4340
Everett Olbert – Sheep and Goats .....	(202) 720-4751
Mike Miller – Milk Production and Milk Cows .....	(202) 720-3278
Nick Streff – Hogs and Pigs .....	(202) 720-3106

## Access to NASS Reports

For your convenience, you may access NASS reports and products the following ways:

- All reports are available electronically, at no cost, on the NASS web site: <http://www.nass.usda.gov>
- Both national and state specific reports are available via a free e-mail subscription. To set-up this free subscription, visit <http://www.nass.usda.gov> and in the “Receive NASS Updates” box under “Receive reports by Email,” click on “National” or “State” to select the reports you would like to receive.
- Printed reports may be purchased from the National Technical Information Service (NTIS) by calling toll-free (800) 999-6779, or (703) 605-6220 if calling from outside the United States or Canada. Accepted methods of payment are Visa, MasterCard, check, or money order.

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](mailto:nass@nass.usda.gov).

The United States Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, age, disability, and where applicable, sex, marital status, familial status, parental status, religion, sexual orientation, genetic information, political beliefs, reprisal, or because all or a part of an individual's income is derived from any public assistance program. (Not all prohibited bases apply to all programs.) Persons with disabilities who require alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact USDA's TARGET Center at (202) 720-2600 (voice and TDD).

To file a complaint of discrimination, write to USDA, Director, Office of Civil Rights, 1400 Independence Avenue, S.W., Washington, D.C. 20250-9410, or call (800) 795-3272 (voice) or (202) 720-6382 (TDD). USDA is an equal opportunity provider and employer.