



# Dairy Products

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## Special Note

NASS is in the process of modifying report layouts in order to improve readability. This is the first issue produced using the new layout. This report issue is published using both layouts but future issues will only be produced using this layout. The previous layout is available on the NASS website: <http://www.nass.usda.gov>.

## April 2010 Highlights

**Total cheese** output (excluding cottage cheese) was 863 million pounds, 1.8 percent above April 2009 but 3.2 percent below March 2010.

**Italian type cheese** production totaled 366 million pounds, 5.9 percent above April 2009 but 3.7 percent below March 2010.

**American type cheese** production totaled 360 million pounds, 1.5 percent above April 2009 but 0.6 percent below March 2010.

**Butter** production was 139 million pounds, 2.5 percent below April 2009 and slightly below March 2010.

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

Nonfat dry milk, human - 152 million pounds, up 7.7 percent.  
Skim milk powders - 14.5 million pounds, down 41.3 percent.

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

Dry whey, total - 90.8 million pounds, up 9.1 percent.  
Lactose, human and animal - 71.6 million pounds, up 23.2 percent.  
Whey protein concentrate, total - 35.7 million pounds, up 8.4 percent.

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

Ice cream, regular (hard) - 78.5 million gallons, down 0.7 percent.  
Ice cream, lowfat (total) - 38.5 million gallons, up 9.9 percent.  
Sherbet (hard) - 4.79 million gallons, down 4.4 percent.  
Frozen yogurt (total) - 6.81 million gallons, down 3.0 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: April 2009 and 2010

Product	April 2009	March 2010	April 2010	Change from	
				April 2009	March 2010
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
Butter .....	142,216	138,837	138,636	-2.5	-0.1
<b>Cheese</b>					
American types <sup>1</sup> .....	354,781	362,257	360,126	1.5	-0.6
Cheddar .....	272,691	281,966	272,711		-3.3
Other American types .....	82,090	80,291	87,415	6.5	8.9
Brick and Muenster .....	9,362	10,677	10,325	10.3	-3.3
Cream and Neufchatel .....	63,619	65,037	56,465	-11.2	-13.2
Hispanic .....	17,696	19,690	17,153	-3.1	-12.9
Italian types .....	346,047	380,577	366,496	5.9	-3.7
Mozzarella .....	270,604	300,297	288,554	6.6	-3.9
Parmesan .....	19,158	21,625	21,170	10.5	-2.1
Provolone .....	29,421	29,473	30,678	4.3	4.1
Ricotta .....	18,867	22,116	19,227	1.9	-13.1
Romano .....	4,070	2,935	3,028	-25.6	3.2
Other Italian types .....	3,927	4,131	3,839	-2.2	-7.1
Swiss .....	28,890	27,328	28,419	-1.6	4.0
All other types .....	27,198	26,067	23,833	-12.4	-8.6
<b>Total cheese</b> .....	<b>847,593</b>	<b>891,633</b>	<b>862,817</b>	<b>1.8</b>	<b>-3.2</b>
Cottage cheese, curd <sup>2</sup> .....	39,060	38,051	34,909	-10.6	-8.3
Cottage cheese, cream <sup>3</sup> .....	30,517	29,099	26,855	-12.0	-7.7
Cottage cheese, lowfat <sup>4</sup> .....	34,380	35,268	31,361	-8.8	-11.1
Sour cream .....	93,860	105,351	91,165	-2.9	-13.5
Yogurt, plain and flavored .....	311,481	399,691	332,611	6.8	-16.8
	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(percent)	(percent)
<b>Frozen products</b>					
Ice cream, regular, hard .....	79,022	79,940	78,496	-0.7	-1.8
Ice cream, lowfat, hard .....	13,360	13,493	14,020	4.9	3.9
Ice cream, lowfat, soft .....	21,670	23,937	24,494	13.0	2.3
Ice cream, lowfat, total .....	35,030	37,430	38,514	9.9	2.9
Ice cream, nonfat, hard .....	1,503	1,375	1,385	-7.9	0.7
Sherbet, hard .....	5,012	5,048	4,789	-4.4	-5.1
Frozen yogurt, total .....	7,022	6,526	6,813	-3.0	4.4
Regular and lowfat, hard .....	1,647	1,724	1,619	-1.7	-6.1
Nonfat, hard .....	655	617	562	-14.2	-8.9
Other frozen dairy products .....	1,164	1,179	1,223	5.1	3.7
Water and juice ices .....	6,633	5,820	6,727	1.4	15.6
<b>Mix for frozen products</b>					
Ice cream, regular, mix .....	43,700	44,135	43,757	0.1	-0.9
Ice cream, lowfat, mix .....	20,232	21,435	22,046	9.0	2.9
Ice cream, nonfat, mix .....	916	833	866	-5.5	4.0
Sherbet mix .....	3,109	2,982	2,999	-3.5	0.6
Yogurt mix .....	3,793	3,955	4,129	8.9	4.4

<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: April 2009 and 2010

Product	April 2009	March 2010	April 2010	Change from	
				April 2009	March 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 .....	8,383	6,931	6,872	-18.0	-0.9
Dry whey products					
Dry whey, human .....	79,522	87,020	85,615	7.7	-1.6
Dry whey, animal .....	3,696	5,484	5,162	39.7	-5.9
Dry whey, total .....	83,218	92,504	90,777	9.1	-1.9
Reduced lactose and minerals					
Human .....	1,522	2,173	2,055	35.0	-5.4
Animal .....	4,607	5,168	4,323	-6.2	-16.4
Whey protein concentrate					
Human <sup>2</sup> .....	29,408	33,999	33,318	13.3	-2.0
Animal <sup>2</sup> .....	3,563	2,423	2,414	-32.2	-0.4
Total <sup>2</sup> .....	32,971	36,422	35,732	8.4	-1.9
25.0-49.9 percent <sup>3</sup> .....	21,102	21,194	19,967	-5.4	-5.8
50.0-89.9 percent <sup>3</sup> .....	11,869	15,228	15,765	32.8	3.5
Whey protein isolates <sup>4</sup> .....	3,861	4,261	4,552	17.9	6.8
Lactose, human and animal .....	58,153	73,870	71,630	23.2	-3.0
<b>Manufacturers' stocks end of month <sup>5</sup></b>					
Dry whey products					
Dry whey, human .....	41,193	47,262	50,358	22.2	6.6
Dry whey, animal .....	1,110	3,259	2,315	108.6	-29.0
Dry whey, total .....	42,303	50,521	52,673	24.5	4.3
Reduced Lactose and minerals					
Human and animal <sup>6</sup> .....	15,689	8,498	9,822	-37.4	15.6
Whey protein concentrate					
Human <sup>2</sup> .....	34,246	35,898	35,681	4.2	-0.6
Animal <sup>2</sup> .....	2,486	2,375	2,320	-6.7	-2.3
Total <sup>2</sup> .....	36,732	38,273	38,001	3.5	-0.7
25.0-49.9 percent <sup>3</sup> .....	20,605	24,378	22,457	9.0	-7.9
50.0-89.9 percent <sup>3</sup> .....	16,127	13,895	15,544	-3.6	11.9
Whey protein isolates <sup>4</sup> .....	10,766	10,525	9,667	-10.2	-8.2
Lactose, human and animal .....	74,020	67,061	73,543	-0.6	9.7
	(cents per pound)	(cents per pound)	(cents per pound)	(cents change)	(cents change)
<b>Manufacturers' selling price <sup>7</sup></b>					
Dry whey, animal .....	17.8	35.4	31.9	14.1	-3.5

<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: April 2009 and 2010**

Product	April 2009	March 2010	April 2010	Change from	
				April 2009	March 2010
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
<b>Production</b>					
Bulk condensed milk					
Skim, unsweetened .....	133,622	128,799	129,255	-3.3	0.4
Canned milk					
Evaporated and condensed whole .....	42,885	39,593	38,521	-10.2	-2.7
Dry milk products					
Dry buttermilk .....	5,340	7,210	6,560	22.8	-9.0
Dry skim milk, animal .....	1,290	830	803	-37.8	-3.3
Dry whole milk .....	3,002	6,514	3,838	27.8	-41.1
Milk protein concentrate, total <sup>1</sup> .....	11,355	7,634	11,683	2.9	53.0
Nonfat dry milk, human .....	141,397	137,179	152,217	7.7	11.0
Skim milk powder, total <sup>2</sup> .....	24,645	27,796	14,463	-41.3	-48.0
<b>Manufacturers' stocks end-of-month</b> <sup>3</sup>					
Canned milk					
Evaporated and condensed whole .....	71,258	76,906	89,368	25.4	16.2
Dry milk products					
Dry buttermilk, total .....	3,969	9,600	8,271	108.4	-13.8
Dry skim milk, animal .....	2,152	1,460	1,430	-33.6	-2.1
Dry whole milk .....	5,346	7,159	7,041	31.7	-1.6
Nonfat dry milk, human .....	179,976	147,657	144,412	-19.8	-2.2
<b>Manufacturers' shipments</b> <sup>4</sup>					
Dry milk products					
Nonfat dry milk, human .....	153,063	139,368	150,053	-2.0	7.7

<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	862,817	1.8	3,312,978	3,371,369	1.8
May .....	856,100			4,169,078		
June .....	838,100			5,007,178		
July .....	842,752			5,849,930		
August .....	850,684			6,700,614		
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	360,126	1.5	1,399,710	1,390,372	-0.7
May .....	368,021			1,767,731		
June .....	356,869			2,124,600		
July .....	354,695			2,479,295		
August .....	347,088			2,826,383		
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	272,711		1,074,608	1,065,618	-0.8
May .....	287,422			1,362,030		
June .....	276,646			1,638,676		
July .....	269,533			1,908,209		
August .....	264,743			2,172,952		
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.

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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)
<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	366,496	5.9	1,367,801	1,440,188	5.3
May .....	345,905			1,713,706		
June .....	341,918			2,055,624		
July .....	346,130			2,401,754		
August .....	345,799			2,747,553		
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	288,554	6.6	1,064,344	1,132,961	6.4
May .....	271,395			1,335,739		
June .....	268,901			1,604,640		
July .....	273,782			1,878,422		
August .....	272,632			2,151,054		
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	3,839	-2.2	16,897	14,386	-14.9
May .....	3,874			20,771		
June .....	4,008			24,779		
July .....	3,754			28,533		
August .....	3,841			32,374		
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.

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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)
<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	138,636	-2.5	614,007	580,592	-5.4
May .....	139,178			753,185		
June .....	125,301			878,486		
July .....	114,388			992,874		
August .....	101,029			1,093,903		
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	152,217	7.7	562,886	535,782	-4.8
May .....	150,452			713,338		
June .....	146,065			859,403		
July .....	133,175			992,578		
August .....	107,049			1,099,627		
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			116,130		
June .....	16,796			132,926		
July .....	14,023			146,949		
August .....	10,677			157,626		
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.

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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)
<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	90,777	9.1	320,066	347,496	8.6
May .....	87,125			407,191		
June .....	92,639			499,830		
July .....	93,640			593,470		
August .....	82,555			676,025		
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	71,630	23.2	228,362	275,984	20.9
May .....	59,639			288,001		
June .....	60,429			348,430		
July .....	61,168			409,598		
August .....	62,065			471,663		
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	35,732	8.4	135,747	138,231	1.8
May .....	34,705			170,452		
June .....	34,572			205,024		
July .....	35,221			240,245		
August .....	35,284			275,529		
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.

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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)
<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	26,855	-12.0	113,455	106,693	-6.0
May .....	30,210			143,665		
June .....	29,707			173,372		
July .....	30,823			204,195		
August .....	30,375			234,570		
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	31,361	-8.8	131,215	125,779	-4.1
May .....	32,644			163,859		
June .....	32,986			196,845		
July .....	34,701			231,546		
August .....	32,107			263,653		
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	91,165	-2.9	363,042	371,259	2.3
May .....	93,504			456,546		
June .....	93,644			550,190		
July .....	92,442			642,632		
August .....	93,770			736,402		
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.

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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)
<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	78,496	-0.7	278,181	277,036	-0.4
May .....	80,604			358,785		
June .....	89,319			448,104		
July .....	84,319			532,423		
August .....	79,273			611,696		
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	38,514	9.9	121,697	126,177	3.7
May .....	36,115			157,812		
June .....	42,050			199,862		
July .....	38,736			238,598		
August .....	36,183			274,781		
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	4,789	-4.4	17,589	16,966	-3.5
May .....	4,985			22,574		
June .....	5,497			28,071		
July .....	5,104			33,175		
August .....	4,257			37,432		
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.

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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	332,611	6.8	1,276,100	1,386,033	8.6
May .....	328,934			1,605,034		
June .....	332,379			1,937,413		
July .....	309,910			2,247,323		
August .....	323,373			2,570,696		
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)
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	6,813	-3.0	23,290	21,613	-7.2
May .....	6,741			30,031		
June .....	7,544			37,575		
July .....	7,931			45,506		
August .....	7,313			52,819		
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.

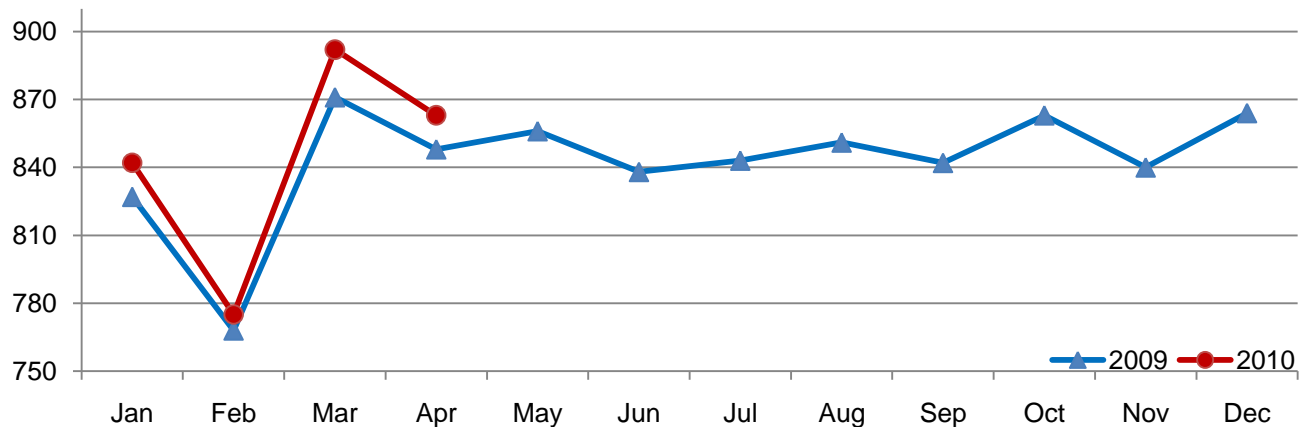
## Total Cheese Production Excluding Cottage Cheese - States and United States: April 2009 and 2010

State	April 2009	March 2010	April 2010	Change from	
				April 2009	March 2010
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California .....	174,011	186,833	180,437	3.7	-3.4
Idaho .....	70,465	72,477	70,760	0.4	-2.4
Illinois .....	8,695	7,124	6,301	-27.5	-11.6
Iowa .....	18,965	19,950	20,814	9.7	4.3
Minnesota .....	55,679	55,393	53,739	-3.5	-3.0
New Jersey .....	2,527				
New Mexico .....	48,294	61,804	61,230	26.8	-0.9
New York .....	61,780	64,628	59,113	-4.3	-8.5
Ohio .....	15,830	16,984	16,982	7.3	
Pennsylvania .....	33,931	37,566	34,244	0.9	-8.8
South Dakota .....	19,593	18,173	17,612	-10.1	-3.1
Utah .....	7,631				
Vermont .....	10,851	10,732	9,779	-9.9	-8.9
Wisconsin .....	217,818	222,708	215,187	-1.2	-3.4
Other States <sup>1</sup> .....	101,523	117,261	116,619		
United States .....	847,593	891,633	862,817	1.8	-3.2
Atlantic .....	114,788	121,110	110,213	-4.0	-9.0
Central .....	385,125	393,445	383,470	-0.4	-2.5
West .....	347,680	377,078	369,134	6.2	-2.1

<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.

## United States Total Cheese Production

Million pounds



## American Cheese Production - States and United States: April 2009 and 2010

State	April 2009	March 2010	April 2010	Change from	
				April 2009	March 2010
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California .....	56,649	52,963	51,322	-9.4	-3.1
Idaho .....	56,737	58,292	56,855	0.2	-2.5
Iowa .....	14,359	15,234	15,885	10.6	4.3
Ohio .....	973				
Oregon .....	14,602	14,222	13,817	-5.4	-2.8
Wisconsin .....	69,206	71,873	72,200	4.3	0.5
Other States <sup>1</sup> .....	142,255	149,673	150,047		
United States .....	354,781	362,257	360,126	1.5	-0.6
Atlantic .....	12,794	13,821	14,065	9.9	1.8
Central .....	166,797	170,423	168,598	1.1	-1.1
West .....	175,190	178,013	177,463	1.3	-0.3

<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.

## Cheddar Cheese Production - States and United States: April 2009 and 2010

State	April 2009	March 2010	April 2010	Change from	
				April 2009	March 2010
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California .....	32,381	30,538	27,063	-16.4	-11.4
Idaho .....	47,794	47,763	45,032	-5.8	-5.7
Iowa .....	9,130	10,263	9,509	4.2	-7.3
Minnesota .....	45,666	43,482	40,542	-11.2	-6.8
Ohio .....	712				
Wisconsin .....	52,871	57,577	56,000	5.9	-2.7
Other States <sup>1</sup> .....	84,137	92,343	94,565		
United States .....	272,691	281,966	272,711		-3.3
Atlantic .....	12,550	13,433	13,502	7.6	0.5
Central .....	130,201	136,351	131,595	1.1	-3.5
West .....	129,940	132,182	127,614	-1.8	-3.5

<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.

## Total Italian Cheese Production - States and United States: April 2009 and 2010

State	April 2009	March 2010	April 2010	Change from	
				April 2009	March 2010
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California .....	98,647	116,181	112,897	14.4	-2.8
New York .....	30,583	32,832	29,385	-3.9	-10.5
Pennsylvania .....	22,759	24,382	23,184	1.9	-4.9
Wisconsin .....	102,040	106,808	103,937	1.9	-2.7
Other States <sup>1</sup> .....	92,018	100,374	97,093	5.5	-3.3
United States .....	346,047	380,577	366,496	5.9	-3.7
Atlantic .....	61,893	64,832	59,394	-4.0	-8.4
Central .....	139,602	145,793	143,368	2.7	-1.7
West .....	144,552	169,952	163,734	13.3	-3.7

<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.

## Mozzarella Cheese Production - States and United States: April 2009 and 2010

State	April 2009	March 2010	April 2010	Change from	
				April 2009	March 2010
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California .....	88,906	104,772	102,771	15.6	-1.9
New York .....	16,187	19,024	16,362	1.1	-14.0
Wisconsin .....	71,766	74,151	71,700	-0.1	-3.3
Other States <sup>1</sup> .....	93,745	102,350	97,721	4.2	-4.5
United States .....	270,604	300,297	288,554	6.6	-3.9
Atlantic .....	41,541	44,849	40,414	-2.7	-9.9
Central .....	97,111	100,281	97,017	-0.1	-3.3
West .....	131,952	155,167	151,123	14.5	-2.6

<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: April 2009 and 2010

State	April 2009	March 2010	April 2010	Change from	
				April 2009	March 2010
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California .....	45,673	51,837	48,320	5.8	-6.8
Pennsylvania .....	6,809				
Other States <sup>1</sup> .....	89,734	87,000	90,316		
United States .....	142,216	138,837	138,636	-2.5	-0.1
Atlantic .....	13,457	14,172	14,226	5.7	0.4
Central .....	62,413	48,409	52,096	-16.5	7.6
West .....	66,346	76,256	72,314	9.0	-5.2

<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.

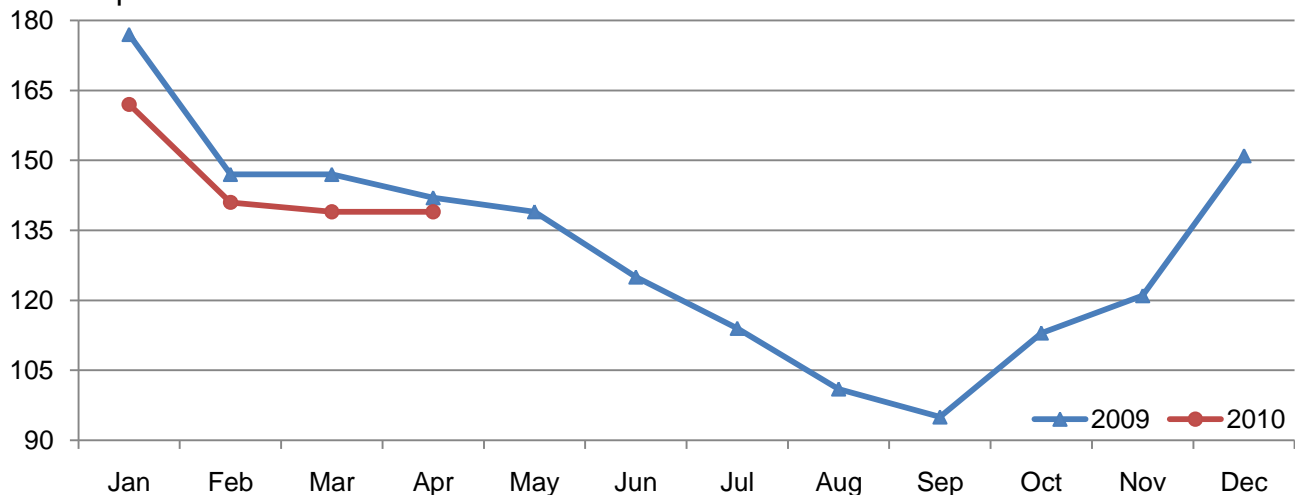
## Nonfat Dry Milk (Human) Production - States and United States: April 2009 and 2010

State	April 2009	March 2010	April 2010	Change from	
				April 2009	March 2010
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
California .....	69,514	74,117	84,449	21.5	13.9
Other States <sup>1</sup> .....	71,883	63,062	67,768	-5.7	7.5
United States .....	141,397	137,179	152,217	7.7	11.0
Atlantic .....	25,215	19,863	25,399	0.7	27.9
Central .....	18,473	15,520	16,790	-9.1	8.2
West .....	97,709	101,796	110,028	12.6	8.1

<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.

## United States Butter Production

Million pounds



### Dry Whey (Human) Production - States and United States: April 2009 and 2010

State	April 2009	March 2010	April 2010	Change from	
				April 2009	March 2010
	(1,000 pounds)	(1,000 pounds)	(1,000 pounds)	(percent)	(percent)
New York .....	11,490	9,260	11,727	2.1	26.6
Wisconsin .....	25,628	24,842	25,900	1.1	4.3
Other States <sup>1</sup> .....	42,404	52,918	47,988	13.2	-9.3
United States .....	79,522	87,020	85,615	7.7	-1.6
Atlantic .....	21,127	19,877	21,787	3.1	9.6
Central .....	40,433	41,258	41,687	3.1	1.0
West .....	17,962	25,885	22,141	23.3	-14.5

<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: April 2009 and 2010

State	April 2009	March 2010	April 2010	Change from	
				April 2009	March 2010
	(1,000 gallons)	(1,000 gallons)	(1,000 gallons)	(percent)	(percent)
California .....	12,976	13,599	13,780	6.2	1.3
Indiana .....	7,067	7,564	7,406	4.8	-2.1
Massachusetts .....	2,479	2,954	2,527	1.9	-14.5
Missouri .....	2,865	3,515	2,485	-13.3	-29.3
New York .....	2,584				
North Carolina .....	1,461	1,253	1,043	-28.6	-16.8
Ohio .....	2,508	2,255	2,069	-17.5	-8.2
Oregon .....	1,155	1,193	1,250	8.2	4.8
Pennsylvania .....	2,761	2,402	2,886	4.5	20.1
Tennessee .....	1,155				
Texas .....	4,565	3,962	4,292	-6.0	8.3
Utah .....	1,856	2,316	2,190	18.0	-5.4
Wisconsin .....	1,365	1,380	1,407	3.1	2.0
Other States <sup>1</sup> .....	34,225	37,547	37,161		
United States .....	79,022	79,940	78,496	-0.7	-1.8
North Atlantic .....	11,175				
South Atlantic .....	5,299				
Atlantic .....		16,383	16,090		
East North Central .....	16,516				
West North Central .....	14,188				
South Central .....	11,472				
Central .....		43,030	41,281		
West .....	20,372	20,527	21,125	3.7	2.9

<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)

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Sherry Bertramsen – Livestock Slaughter .....	(515) 284-4340
Everett Olbert – Sheep and Goats .....	(202) 720-4751
Mike Miller – Milk Production and Milk Cows .....	(202) 720-3278
Nick Streff – Hogs and Pigs .....	(202) 720-3106

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